SOMAIYA
VIDYAVIHAR

Knowledge Alone Liberates

K J Somaiya Institute of Technology

K. J. Somaiya Institute of Technology
Sion, Mumbai – 400 022

Unaided Gujarati Linguistic Minority (EN3209)

- ❑ **Autonomous College Permanently Affiliated to University of Mumbai**
- ❑ **3 Programs Accredited by National Board of Accreditation (NBA)**
- ❑ **NAAC Reaccredited Institute with 'A' Grade**
- ❑ **Approved by AICTE, New Delhi, DTE and Government of Maharashtra**
- ❑ **AICTE-F. No. 740-89-038 (NDEG)/ET/2001**

Information Brochure 2023-24

Campus Prayer

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

ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्यां जगत् ।
तेन त्यक्तेन भुञ्जीथा मा गृधः कस्य स्विद्धनम् ॥२॥

मूकं करोति वाचालं पङ्गुं लङ्घयते गिरिम् ।
यत्कृपा तमहं वन्दे परमानन्द माधवम् ॥३॥

ॐ प्रणो देवी सरस्वती वाजेभिर्वाजिनीवती धीनामवित्र्यवतु ।
ॐ चोदयित्री सूनृतानां चेतन्ती सुमतीनाम् ।
यज्ञम् दधे सरस्वती ॥४॥

ॐ असतो मा सद्गमय । तमसो मा ज्योतिर्गमय ।
मृत्योर्मामृतं गमय ॥५॥

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

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

ॐ शांतिः, शांतिः, शांतिः॥

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Somaiya Vidyavihar Vision

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

Our motto is: 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 समाज, 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। We will strive to provide access and opportunity to build a more inclusive society.

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. Welcome to our community.

Our Founder **&** Our Inspiration
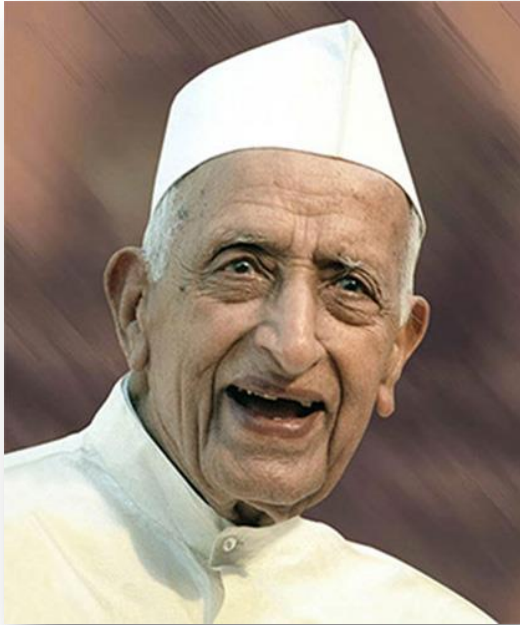
Padma Bhushan
(Late) Pujya Shri Karamshibhai J Somaiya
(16.05.1902 – 09.05.1999)

"Neither do I long for Kingdom, nor for heaven, nor do I desire to be free from rebirth, I only wish to remove the sufferings of all being afflicted by pain"

Our Founder

Padma Bhushan Pujya (Late) Shri. Karamshi J Somaiya, an entrepreneur, philanthropist and a great visionary, by the dint of hard work and singular devotion, totally dedicated himself to the services of humanity.

Endowed with a sharp business prowess, a balanced perspective and a social bent of mind, Karamshibhai set up the K J Somaiya Trust in 1951. Later, he laid the foundation for Somaiya Vidyavihar in 1959. This has grown into large educational complex with 34 institutions catering to diverse fields of education in Science and Humanities, Engineering, Education, Medicine, Management, Mass Communication etc. with more than 38000 students, 1700 teaching faculty and more than 1300 non-teaching supporting staff.

Our Inspiration

(Late) Dr. Shantilal K. Somaiya was a leading industrialist and businessman who received various awards including prestigious 'Luminosa' and Sanskrit Mitra' titles strongly upheld the peaceful co-existence of religions. He travelled extensively across the globe to spread the message of Indian Culture and Philosophy. He also made a remarkable contribution to education and upliftment of 'adivasis'.
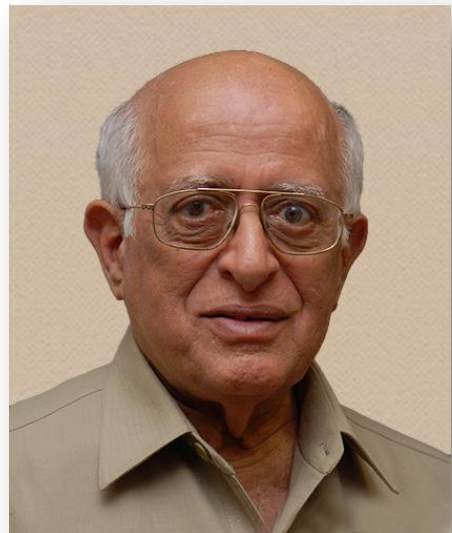
(Late) Dr. Shantilal K. Somaiya
29.12.1927 to 01.01.2010
The great visionary and Transformational Leader

Message from Chairman

Shri. Samir Somaiya
President, Somaiya Vidyavihar
Chairman, Somaiya Trust

I welcome you to Somaiya Vidyavihar Institutions. Somaiya Vidyavihar was founded over 60 years ago, as an institution dedicated to foster learning, innovation and character building.

The institution helps cultivate a climate of enquiry, questioning, and freedom to explore and contribute answers to problems, small and large, local or global.

Our campus has a large diversity of academic programs, and houses students from various disciplines, who come from different parts of India, and the world. The institution aims to develop young men and women who dedicate their learning to improve themselves, and the common good.

Once again, I welcome you to our institution, and hope that you achieve great heights, and find out more about your own self. K J Somaiya Institute of Technology (KJSIT), the second Engineering College established by the Somaiya Trust in the year 2001, at Ayurvihar campus, Sion was set up primarily in response to the need for imparting quality education in the modern field of Information Technology and the allied branches of Engineering and Technology. KJSIT is an autonomous institute and as a well-established name in the Engineering Education has been creating engineering professionals to shoulder growing responsibilities and pursue emerging opportunities with a career progression.

The Institute intends to impart quality education and holistic personality development of the students under four streams of engineering i.e. Electronics and Telecommunication engineering, Artificial Intelligence and Data Science, Computer Engineering and Information Technology with total 480 intake capacity and a post graduate program i.e. Master of Engineering in Artificial Intelligence with 18 intake capacity. Keeping in view, the Institute's commitment towards quality education, the three elements which make this possible are physical infrastructure, technological infrastructure, and organizational infrastructure. It has always been the major emphasis to make the Institute a vibrant place for learning.

KJSIT extends over sprawling 5 acres of land and is located at the heart of Mumbai city, in the spacious campus of Somaiya Ayurvihar. It is housed in an eight storied building having ground plus eight floors & new building "Riturang" with airy classrooms, hi-tech laboratories, auditorium, canteen, common rooms etc. It provides state of-the-art amenities with a special emphasis on the holistic development of students for the skilled and social development through various professional international and national bodies. To achieve dynamic progress in related domains, the Institute strives for a tremendous parallel improvement in facilities and infrastructure to keep it on par with the best institutions in the field of Engineering and Information Technology. Overall, the facilities provided foster creativity, innovativeness and capabilities for a self-directed lifelong learning in students for a constructivist learning.

Message from Secretary

Lieutenant General Jagbir Singh
Secretary
Somaiya Trust

In line with the vision and mission of Somaiya Vidyavihar, the KJSIT is a frontrunner in providing technical education that addresses the issues faced by society through innovative technical applications. Autonomy has further endowed it with striking features to endeavor for holistic upskilling of its students along with excellence in academics.

The string of prestigious accolades conferred upon KJSIT are a testimony of its realistic ventures that have enabled the students to be empowered with trending cutting-edge technologies viz. Machine Learning, Centre of Excellence, AI. As a self-governing Institute, its curriculum has witnessed a radical shift that aims to strike an ecological job-balance that will address a major concern of replacing conventional techniques with that of machine learning trends for industry dynamism. The Institute endeavors development of a holistic personality of our students through an array of multi-skilled professional, cultural and sports events.

As a leader in technical education, the Institute is endowed with updated amenities to augment the learning experience. In the direction of progressive empowerment strategies among many best practices, the integrated digital library with E-access facility makes KJSIT a storehouse of knowledge which is being put to best use for societal causes. Today most of the faculty is well-equipped to educate learners with Audio-visual aids and certification courses like Coursera, CDAC, Robotics workshop, NPTEL. The state-of the—art laboratories provide ample scope for staff, students and researchers to gain a hands-on experience through computational facilities and technical competitions that motivates students to be innovative and incorporate various facets of the futuristic technology to achieve significant societal-based manoeuvres.

The KJSIT Campus provides an ideal environment that is conducive for learning. It enables and encourages students to ask questions and search for answers by providing the requisite infrastructure and teachers who play the role of dynamic facilitators. The curated syllabus has aimed to prodigiously encourage, inspire and nurture young minds to work with new ideas and transform them into prototypes as well as products thus creating a vibrant innovation ecosystem in the Institute along with imbibing values like integrity, ethics, decisiveness and accountability, thus preparing its students to play a positive role as global citizens.

Message from Provost

Dr. Raghunath K. Shevgaonkar
Provost
Somaiya Vidyavihar

K J Somaiya Institute of Technology (KJSIT) is dedicated to impart technical education imbibed with ethical values with the motto "*Knowledge alone liberates*".

At KJSIT, we aspire to groom our students into professionally excellent engineers, imbued with a sense of social responsibility and an empathy towards the environment. The faculty strives to provide students with state of the art engineering education with a strong foundation of values. The Institute endeavors to provide an ecosystem which nurtures innovation and creativity, and fosters interdisciplinary studies for developing a holistic personality through array of multi-skilled professional, cultural and sports events. For placements, Institute is approached by reputed global business houses with a steady record of recruitments of students. KJSIT has believed in engaging in best innovative educational practices as the students graduating from this Institute are truly empowered with recent technical trends so as to become world leaders and contribute significantly for the philanthropic cause of the society.

As an educational organization, KJSIT always strive to make a positive difference in the society via a strategy that has driven us to success in all initiatives and thus KJSIT has been honoured with various prestigious awards. With rapid technological evolutions in the campus, the learners continue to grow with unparalleled access to the best resources. The world as a global village, institutes approach empowers students with practical, application-based education with new learning paths in multidisciplinary domains. The creative instruction strategies—experiential learning, hand-on training, upskilling via interpersonal and collaboration skills are the pointer-attributes that prepare learners for complex job roles and to be ready for the future world of work and business. True to its vision, KJSIT epitomizes holistic learning by leveraging synergies between teaching-learning and innovation so as to achieve cutting-edge trends in education for global competency.

I extend my warm greetings to all alumni, students and prospective students of KJSIT.

Message from Principal

Dr. Suresh Ukarande
Principal, KJSIT
Associate Dean, Faculty of Science and Technology, University of Mumbai
Member - Academic Council, BOD, BOEE, RRC, University of Mumbai
Member - National Executive council, ISTE, India

K. J. Somaiya Institute of Technology (KJSIT), being an autonomous institute permanently affiliated to University of Mumbai possesses more flexibility in adapting newer approaches to reach higher levels of excellence in technical education.

KJSIT provides education with wide ranging standards of excellence in 4 Undergraduate (UG) and 1 Postgraduate (PG) programs and 3 Ph.D. programs in engineering. Our institute is accredited with "A" grade by NAAC and 3 programs are accredited by NBA. KJSIT received "BEST COLLEGE AWARD" from University of Mumbai in urban region and "Best Engineering College Award by CSI local chapter and also from ISTE Maharashtra and Goa Section.

KJSITs syllabus under the autonomy comprises state-of-the-art courses and laboratory sessions on emerging areas of technology, fostering students for developing innovative solutions to real-world issues of the society and/or industry through the acquired knowledge.

With an ideology that the root of innovation is 'interest', the curriculum offers a wide range of elective courses - grouped into core and inter-disciplinary domains. At par with international engineering education, the students can choose to study courses concerning areas of their interests.

The curriculum introduces Skill-Based Learning (SBL), Activity-Based Learning (ABL), and Technology-Based Learning (TBL) as eXposure (SAT) courses - that assure X factor in all the students of the institute. The SAT courses shall be practiced across the first three years of engineering, focusing on graduate attributes like work ethics, responsibilities towards society, problem-solving ability, communication skills, motivation for life-long learning, leadership and teamwork, etc. that may not be copiously imbibed through regular engineering courses. The proficiencies acquired herein shall open huge employment and entrepreneurial opportunities for the students.

Students of the institute are provided exposure to the work culture and trends in industries through live / collaborative projects / product developments concerning healthcare, agriculture, societal / industrial need-based problems, etc. as well as pursue internships making them industry-ready engineers. The blend of all these learning components in the curriculum shall strengthen the research and innovation ecosystem in the institute for best benefits of the students.

For placements, our Institute is approached by global business houses like TCS, Accenture, Microsoft, etc. with a steady record of recruitments of our students. While offering best innovative educational practices, we also have experienced faculty and state of the art infrastructural amenities and laboratories.

In the global scenario, the students graduating from this Institute are truly empowered with recent technical trends so as to become world leaders and contribute significantly for the philanthropic cause of the society.

Through joint efforts of all stakeholders, strategic planning, and efficient execution of neoteric educational practices with hi-tech wizardry, KJSIT shall strive to become a role model autonomous institute across the nation.

Message from Vice-Principal

Dr Sunita R Patil,
Vice Principal, KJSIT
Member, Board of Studies in Computer Engineering,
University of Mumbai

Quality Education &Academic Freedom
K. J. Somaiya Institute of Technology, being an autonomous institute, exercises the freedom to modernize curricula in 4 undergraduates programs of Artificial Intelligence and Data Science, Computer Engineering, Information Technology and Electronics and Telecommunication Engineering with 480 intake, Artificial Intelligence Post Graduate program with 18 intake, and 3 Ph.D. research centres with 50 intake making it globally competent, locally relevant, skill oriented, promoting employability and developing the intellectual climate of our country towards achieving academic excellence in higher education system.

Fostering Creativity and Talent
KJSIT is very keen on fostering the creativity and talent of learners, successfully acquaint through the demands of Industry 4.0 with modern, industry-oriented education, up-to-date knowledge of analysis, interpretation, designing, implementation, validation, and documentation by working in teams on multidisciplinary projects, Skill Based, Activity Based, Technology based and Project Based learning e. Institute nurtures learner's interest and talent by developing additional skillsets, social involvement and contributions through activities, case studies, field visits, internships, creative learning, innovative project developments, strengthening their profile and increasing the opportunities for employability.

Professional Support Systems
KJSIT provides 360° exposure to its learners through experiential learning, curricular, extracurricular, innovations and research activities through various professional International and National Societies like IEEE, IETE, CSI, IET, ISTE, IEI, ACS, NCSSS, PAM, S4DS, Training and Placement cell, Innovation Council, Startup Policy, Robocon, Cyber security, REDX and IOT Cells, S/W development cell, Developers Club, New Leap Initiatives club etc.

Events and Festivals
Institute annually organizes Technical Festival- 'Renaissance', Cultural Festival- 'Surge', Sports Festival- 'Score' along with TCS technical week, IICs 'Innovation week' and Entrepreneurship cells' 'E-week. International Conference on Advances in Science and Technology (ICAST), Faculty and Student Development programs, Graduation day, expert talks, industry –academia interactions, internships, industrial visits, social initiatives like 'National service Scheme-NSS', 'Department of Life Long Learning and Extension -DLLE' and Green Club activities throughout the year.

Holistic Development
KJSIT is devoted for learners' academic, professional and social growth under well-qualified faculty and staff who dedicatedly work towards the holistic development of our students.

Programmes and Courses

Undergraduate Programmes

Bachelor of Technology in Electronics and Telecommunication Engineering
Intake: 120

Bachelor of Technology in Computer Engineering
Intake: 120

Bachelor of Technology in Information Technology
Intake: 120

Bachelor of Technology in Artificial Intelligence and Data Science
Intake: 120

Postgraduate Programme

Master of Technology in Artificial Intelligence
Intake: 18

Ph. D. Research Centres

❑ Ph. D. (Electronics and Telecommunication Engineering)
❑ Ph. D. (Computer Engineering)
❑ Ph. D. (Information Technology)

Departments and Sections

	Department of Electronics and Telecommunication Engineering		Training and Placement Section
	Department of Computer Engineering		Examination Section
	Department of Information Technology		Institute Library
	Department of Artificial Intelligence and Data Science		Research and Innovation Incubator
	Department of Basic Sciences and Humanities		Administrative Office

Programmes and Courses

Honors Degree Programmes along with regular degree programme (To be offered from Third Year Engineering)

❑ Eligible students can opt for honors degree with specializations under respective undergraduate programmes for which they are enrolled.

❑ Along with the enrolled undergraduate program courses, student has to earn additional 18-20 credit courses as listed under respective honors degree in the Third Year and Last Year of engineering.

❑ Student need to complete all prerequisites required before for the honors degree.

Honors degree will be offered under following programmes:

Bachelor of Technology in Electronics and Telecommunication Engineering	Bachelor of Technology in Information Technology
Bachelor of Technology in Computer Engineering	Bachelor of Technology in Artificial Intelligence and Data Science

Honors degree will be awarded in following disciplines under all undergraduate programs for the eligible students.

Honors in (Artificial Intelligence & Machine learning)

Additional 18 credit courses offered in Third Year and Last Year
* Statistical foundation for AI-ML
* Computational Intelligence
* AI-ML Applications
* Social Network Analysis
* AI Lab

Honors in (Data Science)

Additional 18 credit courses offered in Third Year and Last Year
* Statistical Foundation for Data Science
* Data Handling & Visualization
* Exploratory Data Analytics
* Data Science Applications
* Data Analytics Lab

Honors in (Internet of Things)

Additional 18 credit courses offered in Third Year and Last Year
* IoT Sensor Technologies
* IoT System Design
* Dynamic Paradigms in IoT
* Industrial IoT
* Interfacing programming with IoT

Honors in (Blockchain)

Additional 18 credit courses offered in Third Year and Last Year
* Bit coin & Crypto currency
* Block chain Platform
* Block chain Development
* Decentralized Finance
* Private Block chain setup Lab

Honors in (Cyber Security)

Additional 18 credit courses offered in Third Year and Last Year
* Ethical Hacking
* Digital Forensics
* Information Systems Management
* Application Security
* Vulnerability Assessment Penetration Testing Lab

Reference: https://www.aicte-india.org/sites/default/files/APH%202020_21.pdf (page 99-101)
For detailed course & examination scheme visit institute website, https://kjsit.somaiya.edu.in/en

Vision, Mission, Quality Policy and Objectives of the Institute

Vision

To emerge as a synonym of quality, excellence, and commitment in the field of engineering education by unlocking potential, nurturing talent and transforming young minds to create future-ready engineers.

Mission

- To provide students with a thorough knowledge of engineering to refine their professional skills.
- To nurture creativity and innovation while encouraging multidisciplinary interaction.
- To train students to be industry ready and capable of working effectively as an individual and in teams.
- To inculcate ethical behaviour, responsibility, and commitment among students.

Quality Policy

- To conform to the requirements of regulatory authorities viz; All India Council for Technical Education (AICTE), Directorate of Technical Education (DTE) and UoM.
- To maintain transparency and fair practices in admission and recruitment processes.
- To ensure continuous evaluation and examination process.
- To ensure best academic ambience by providing high-end equipments in the laboratories, computers, learning resources and smart classrooms.
- To ensure a safe and secure environment for all stakeholders.
- To promote industry Institute interaction, research and development, placements, technical, co-curricular and extracurricular activities.

Objectives of the Institute

- To focus on persistent improvement in processes related to teaching, learning, and evaluation and to promote a culture of research and development among staff and students.
- To develop technical and interpersonal skills so that the students translate knowledge into action contributing to the benefit of the society.
- To enhance the learning experience of students by honing versatility through diverse activities.

About the Institute

The K. J. Somaiya Institute of Technology (KJSIT), was established by the Somaiya Trust in the year 2001 at Ayurvihar campus, Sion. The institute was set up primarily in response to the need for imparting quality education in the modern field of Information Technology and the allied branches of Engineering and Technology. The College is housed in a G+8 storey building and in International Standard of Riturang building with airy classrooms, hi-tech laboratories, auditorium, canteen, common rooms etc.

The Institute is situated adjacent to Eastern Express Highway. Chunabhatti and Sion are the nearest railway stations on Harbour line and Central line respectively, Nearest Bus stop is Everard Nagar, Chunabhatti on Eastern Express Highway.

Salient Features

- ✓ Autonomous Engineering Institute, permanently affiliated to University of Mumbai
- ✓ Recognition of College under 2(f) & 12 (B) of UGC act 1956 for receiving research grants
- ✓ Governing Body – Guiding and administering the institute for continuous growth
- ✓ Academic Council and Board of Studies – Statutory bodies as per UGC autonomy regulations
- ✓ Situated in the heart of the Mumbai city with good transport connectivity
- ✓ State of the art infrastructure
    * Wi-fi enabled campus
    * CC Camera Surveillance
    * Ample parking space
    * Spacious garden
    * Spacious and well-lit classrooms
    * Fire Fighting and Safety Devices
    * Open Canteen
- ✓ Internal Quality Assurance Cell – For academic and administrative quality assurance
- ✓ Guidance and Proctor System
- ✓ Qualified, experienced, dynamic and dedicated faculty
- ✓ 24 hours internet accessibility with 150 Mbps bandwidth
- ✓ Library – Huge knowledge resource with digital, e-access and 24x7 global common circulation facilities
- ✓ Open Gymnasium, Play grounds: Football, Volleyball, Astro Turf etc.
- ✓ Helping Hand – KJSIT : A Financial Aid Scheme for needy and meritorious students
- ✓ Bus facility from Somaiya Vidyavihar Campus to Somaiya Ayurvihar Campus

Campus Activities

- Innovative project development by faculty and students with Major and Minor research grant through various funding agencies
- Software Development Cell (SDC) of faculty and students is active in developing consultancy software projects as per needs of academic institutions and industries
- Research Innovation Incubation and Design Lab (Riidl), an in-house incubator promoting startups
- Industry Advisory Board (IAB) – For supporting industry academia collaborations, increasing placements, internships and industry trainings
- National Innovation Startup Policy (NISP) – For promoting and establishing research and innovation focused startups and incubators
- Internship Policy - Based on AICTEs guidelines, increasing avenues for industry internships
- Institutional membership of coursea.org, National Program on Technology Enhanced Learning (NPTEL) of MHRDs-IITs, Spoken Tutorial of IIT Bombay, Swayam, GOI etc. for online certification courses
- Affiliation to various professional bodies for Student chapters and Faculty chapters
    *IEEE   *CSI   *IETE   *IET   *ISTE   *IEI   *ACS   *S4DS
- Active Training and Placement Cell, Entrepreneurship Cell
- Annual Technical, Cultural and Sports Festivals : RENAISSANCE, SURGE and SCORE respectively
- Student enrichment activities through various student clubs and cells e.g. Robocon Cell, Cyber Security & Research cell, IOT Cell, Programming Club, Hobby Club, Marathi Bhasha Vangmay Mandal, Street Play Team, Vyom Club, New Leap Initiative Team, CodeChef Career Guidance in Govt. Public sector club etc.
- National Service Scheme (NSS) and Centre for Life Long Learning and Extension (DLLE) of University of Mumbai
- Interactive / Smart Board Learning
- Regular Industry-Institute Interaction : MOUs with companies like Mastek, Databyte, CTL, RS Heating Systems Pvt. Ltd. Lilbargo Pvt. Ltd. , Current Technology, Acevin Solutions, Eduvance, Cognito-IT, Riva Labs etc.
- MoEs Institution Innovation Cell–Institutions Innovation Council (MICs-IIC) for increasing innovation activities in the institute
- National and International technical and nontechnical Experts from IIT, IISc, AICTE, DTE, Cornell University, MIT, KIPR, MSU, USA and Egerton University, Kenya for guidance and Interaction with students and faculty
- Conduction of many more student and faculty development programs – technical and non-technical

Institute Honors

"Fresh Autonomous Status" by University Grants Commission (UGC) and University of Mumbai

National Board of Accreditation (NBA) Accredited 3 Programs
- Computer Engineering (Reaccreditated)
- Electronics and Telecommunication Engineering (Reaccreditated)
- Information Technology

National Assessment and Accreditation Council (NAAC) Reaccredited Institute with "A" Grade and 3.21 CGPA

Awarded with **Outstanding College 2020-21 on the occasion of 63rd Somaiya Foundation Day** ceremony of Somaiya Vidyavihar amongst all higher educational institutes of Somaiya Trust

Best College Award
by University of Mumbai for A.Y. 2018-19 (Urban Region)

Best Institute of the Year Award
by Computer Society of India (CSI) for Year 2019

Best Engineering College Award
by Indian Society of Technical Education (ISTE – MH and Goa Section) for Year 2018

Best Institute of the Year Award
by Computer Society of India (CSI) for Year 2018

Institute Honors

K J Somaiya Institute of Technology have secured GOLD BAND (GRADE A) under the category of "Academic Excellence" in the Outcome Based Education Ranking 2022 of R. World Institutional Ranking.

KJSIT is recognized as one of the **"Top 100 Higher Educational Institutes in the Nation"** of for **"Digital Distinction: Technology Conference to NEP"** on 14th December 2022 by Associated chambers of commerce & industry of India (ASSOCHAM)

Support of the Year Award given to KJSIT by The Institution of Engineering and Technology (IET) on 24th December, 2022

The Institution of Electronics and Telecommunication Engineers confers the **IETE-Shri P P Malhotra Memorial Award (2022)** in recognition of outstanding efforts in implementing seven unique research projects in the field of electronics in conjunction with national and international Government and private organizations and being socially responsible educators at Hyderabad on 25th September, 2022.

Best IETE Student Forum (ISF) award 2022 in recognition of Intitute's active participation in IETE activities during the year 2020-21 & 2021-22.

KJSIT has been at **91st position All India Rank, 12th position in Maharashtra and 3rd position in Mumbai private engineering colleges** by the India Today magazine in its June 2022 issue.
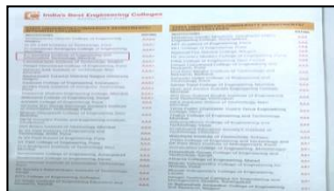
KJSIT has been rated **AAA+ amongst 124 State Universities,** University Departments and Affiliated colleges from MAHARASHTRA by the Carreers360 magazine in its May 2022 issue

KJSIT's Innovation and Entrepreneurship Ecosystem **received recognition at Regional Meet of Institution's Innovation Council (IIC)** organized by MoE's Innovation Cell on July 30, 2022

Institute Honors

Academic champion of the year given to Prof Chitra Bhole, Assistant Professor, Computer Engineering by The Institution of Engineering and Technology (IET) on 24th December, 2022

Dr. Shyamal Virnodkar, Assistant Professor, Computer Engineering Department received **Dr. S. K. Somaiya Award for Excellence in Research – Higher and Technical Education** on the occasion of Somaiya Vidyavihar 81st Foundation Day on 9th September, 2022

Certificate of Appreciation received by Dr. Sandhya D. Kadam, Assistant Professor, Electronics and Telecommunication Engineering received appreciation from Mahatma Gandhi National Council of Rural Education, Dept of Higher Education, Ministy of Education, GoI. on 16/3/22

KJSIT in association with Institution of Engineering and Technology (IET) organized **NATIONAL LEVEL POSTER CUM PROJECT COMPETITION** - INTECH 2K23 on 25th March, 2023 organized by IET Convener, Dr. Sunita Patil and faculty coordinators, Ms. Chitra Bhole and Ms. Aarti Sahitya & Students organized the competition and 5 teams from KJSIT are winners from 430 groups

2nd prize and amount of Rs. 75,000 in "Mastek Project Deep Blue Competition Season-8" on 20th April, 2023 out of 302 teams from all over the Country. Student are from TY Computer Engineering under the mentorship of HOD, Computer Engineering, Dr. Sarita Ambadekar and Ms. Pradnya Bhanagle

Student champion of the year award given to Dakshita Kolte SY student, Computer Engineering received by The Institution of Engineering and Technology (IET) on 24th December, 2022

KJSIT- Computer Engineering Department Third year students won the **First Prize in the API GENERATE-A-THON** and won 87.5K. The competition was organized by IIT Bombay on 15th December 2022.as a part of the Techfest 2022-23 in collaboration with Marsh McLennan mentored by Dr. Sarita Ambadekar, HOD, Computer Engineering

Mr. Meghan Mane student of T.Y. B.Tech. AI-DS won **Silver Medal (2nd position) in the 93KG** power lifting competition organized by Mumbai City Zonal Sport Committee for Mumbai City District on 11-01-2023

Mr. Jay Manek (FY EXTC) won **3rd Prize in Maharashtra State Karate Championship 2022** organised by Karate-Do Association of Maharashtra (KAM), Pune on 12th June 2022

Institute Honors

First Prize of INR 1 Lakh in National-level event Smart India Hackathon 2022 organized by AICTE and MoE to students from Department of Information Technology – Sharvil Dandekar, Taksha Limbashia, Dhrumil Vora, Vedant Tamgadge, Om Parab, and Ehlaam Hanwari under mentor Dr. Radhika Kotecha

NAVRITI Award - Women Innovator 2022 awarded to students from Department of Information Technology – Prachiti Gholap and Aditi Parab during NAVRITI Student Project Exhibition 2022 organized during Somaiya Vidyavihar's 81st Foundation Day

First Prize in Avishkar – 2023: 15th Maharashtra State Inter-University Research Convention 2023 held at Savitribai Phule Pune University to students from Department of Information Technology – Ritesh Kumar Pandey and Janhnavi Obhan for the project developed under the guidance of Dr. Radhika Kotecha

Third Prize in HealAthon 1.0 international hackathon organized by Myraa Technologies & Usha Renal Care Foundation to students of Department of Information Technology Ansh Mehta, Vaishnavi Tanna, Mansi Gawade, and Steffi George

National Award for Best B.Tech. Project in Information Technology by Indian Society for Technical Education to students of Department of Information Technology Ritesh Kumar Pandey and Janhavi Obhan during 23rd ISTE Annual National Student Convention for the Project Train Crowd Management System developed under the guidance of Dr. Radhika Kotecha

First Runners Up and Prize of INR 15,000 to students of Department of Information Technology Jenil Kanani and Yash Bhavsar at Code Odyssey 2.0 Hackathon organized by KJSIT - Computer Society of India (CSI) Chapter

First Runners Up and Prize of INR 50,000 at CIIA Inter-Institution Students Innovation Exhibition & Competition 2023 to students from Department of Information Technology – Janhavi Obhan and Ritesh Kumar Pandey for the Project Train Crowd Management System developed under the guidance of Dr. Radhika Kotecha

Third Rank and Prize of INR 20,000 in ResCon - UG Research Conclave organized by EnPoWER, the Research Promotion Wing of IIT Bombay to students of Department of Information Technology Singh Aniruddha, Padole Pranjali, Varma Ishvar, Wagh Aditya for the project developed under the guidance of Mrs. Sarita Rathod

KJSIT, Football Team has **clinched the title at the Institute of Chemical Technology (ICT), Deem to be University, Mumbai college sports' fest "Sportsaga"** held from 27 - 30th March, 2023. The same Team is also winners at K J Somaiya Medical College's sports fest "Vanquish" held on April 1st and 2nd, 2023

Institute Honors

KJSIT's student satellite team's **PocketQube standard satellite** proposal for launching experimental satellite platform aboard PS4-OP program Selected by **ISRO**

NSS Unit of the Institute was felicitated for the **contribution in Blood Donation Camps organized on Railway Stations during Pandemic** on 13th April, 2022 by the hands of Hon'ble Vice-Chancellor, University of Mumbai.

226th All India Rank in AICTE's Internshala Internship Ranking 2021 and **297th All india Rank** in AICTE's Internshala Internship Ranking 2020

"ISTE Membership Portal" developed by KJSIT was launched at the hands **of the then Chief Minister of Maharashtra State – Hon'ble Shri Uddhav Thackeray** during the 50th ISTE National Annual Convention Award Function 2020 on October 2021

8th All India Ranking to KJSITs ROBOCON team in Aia Pacific Broadcasting Union's (ABU) National Robocon Contest in August 2021

5th All India Ranking and Judges Special Award to KJSITs ROBOCON team in Asia Pacific Broadcasting Union (ABU) National Robotic Contest (Robocon) in 2020

Platinum Category Award by AICTE-CII IndPact Survey for Years 2020, 2019 & 2018 and **Gold Category Award for** 2017, 2016, 2015 respectively for Industry-Institute Interaction activities

Best Academic Affiliate Partner Award by the Institution of Engineering and Technology (IET) Mumbai LN for Years 2019, 2018, 2017 & 2016

The only Institute in Mumbai to get Amateur Radio Club License with Call sign VU2CWN for Club for Radio Operations and Wireless Network (CROWN)

Institute Honors

Exemplary contribution in Higher Education - Appreciation to Dr. Suresh Ukarande by **Edtech Conclave & Awards, Pune,** 2022

Bhartiya Vidya Bhavan National Award for Best Engineering College Principal conferred on Dr. Suresh Ukarande for Year 2019 by Indian Society of Technical Education (ISTE)

Best Principal of the Year Award conferred on Dr. Suresh Ukarande for Year 2019 by Computer Society of India (CSI)

Best Principal of the Year Award conferred on Dr. Suresh Ukarande for Year 2018 by Computer Society of India (CSI)

Best HOD of the Year Award
conferred on Dr. Milind Nemade for Year 2019 by Computer Society of India (CSI)

3rd Prize at Inter-University National level Student Research Convention 2021-22 for **'Indigenous Upper Air Sounding System'** to NLI Team represented by Mr. Jatin Bhosale and Team from EXTC and Computer Department under the guidance Dr. Umesh Shinde

Mastek Project Deep Blue Competition Season-7, 2nd prize with INR 75,000/- to Ms. Krish Chawda & team from Computer Engineering in 2022

EduTech Leadership Award conferred to Dr. Radhika Kotecha – Head of Information Technology Department during **World Education Congress 2022**

"Maker of the Year 2021 Award" and INR 70,000/- prize to Students from Department of Information Technology among 400+ participants in Asia's biggest Maker gathering "Maker Mela 2021" organized by Riidl to Mr. Parth Maniyar, Mr. Saj Maru & team

Institute Honors

3rd prize of INR 10,000 in VCET Hackathon 2021 among 160+ participants to Students from Department of Information Technology

1st prize of INR 20,000 in HackOFiesta National-level Hackathon organized by IIIT Lucknow to Students from Department of Information Technology and Computer Engineering

1st Prize of INR 1 Lakh in Mastek Deep Blue Project Competition 2020 Season-5 to students of Computer Engineering

1st Prize of INR 50K in Artificial Intelligence Deep Learning Hackathon 2020 to students of Computer Engineering

1st Prize of INR 50,000 at **CIIA Inter-Institution Students Innovation Exhibition & Competition 2022** to students from Department of Information Technology – Miss. Prachiti Gholap and Miss. Aditi Parab
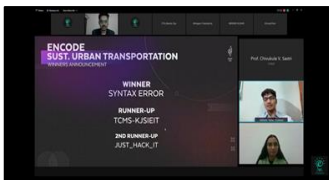
1st Runner up and Prize of INR 20,000 in **UDGAM - Encode 2022 organized by IIT Guwahati** to students from Department of Information Technology – Mr. Ritesh Kumar Pandey and Miss. Janhavi Obhan

Best Student Project of the Year conferred to students of Information Technology Department Mr. Parth Maniar, Mr. Saj Maru, Mr. Yash Nagda, Mr. D Koushal Kumar and Mr. Viraj Vora, by Computer Society of India (CSI)

3rd Rank in 16th Inter-Collegiate / Institute / Department Avishkar Research Convention in Agriculture and Animal Husbandry category to students from Department of Information Technology – Miss. Aditi Parab and Miss. Prachiti Gholap

1st Prize worth INR 1.65 Lakh in Evathon 2021 organized by the **University of Limerick, Ireland** to students from Department of Information Technology – Mr. Yash Bhavsar and Mr. Jenil Kanani

Institute Honors

Winners - Smart India Hackathon 2020

1st Prize of INR 1 Lakh in National-level event Smart India Hackathon 2020 organized by AICTE and MHRD to students of Information Technology and Computer Engineering Department under mentor Dr. Radhika Kotecha

Late Namrata Bhagat Award for Innovative Youth Engineer-2019 by Trans Asian Chamber of Commerce & Industry-2019 to Mr. Shashank Karn, student of Electronics Engineering

1st Prize in Homebrew VHF Antenna Contest 2019 organized by Lamakaan Amateur Radio Club to students of HAM Club

First Position in Smart India Hackathon 2019 secured by Computer Engineering students Mr. Kartik Chawda and Team

1st prize in "UNSCRIPT 2K19" Hackathon 2019 to student of Information Technology Department Mr. Chandu Parmar & Team

Shri. K. J. Somaiya Award for Somaiya Star Student (Girl) at Somaiya Vidyavihar Awards 2019 Ms. Preksha Hatolkar, Dept. of Electronics and Telecommunication

Mr. Rajshekhar Mukharjee EXTC, 2021 - **AIR 353 in GATE - 2021**

Ms. Shashwati Singh EXTC, **AIR 1 in National Engineering Olympiad 2021,** Gold Medalist, Winner of Certificate of Excellence and scored an Internship with the Internship Studio (Artificial Intelligence)

Institute Honors

Ms. Isha Patel   **Mr. Varad Sawant**   **Ms. Sakshi Agrawal**   **Mr. Dhruv Parikh**   **Mr. Ronit Bhamere**
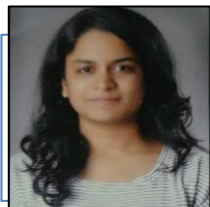
2nd prize in 24 hr Hackathon, organized by, Vidyalankar Institute of Technology, Mumbai
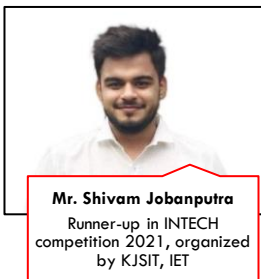
Mr. Shivam Jobanputra
Runner-up in INTECH competition 2021, organized by KJSIT, IET

Mr. Nayan Bhatiya
Runner-up in INTECH competition 2021, organized by KJSIT, IET

Mr.Kartik Chawda
Winner in INTECH competition 2021, organized by KJSIT, IET

Mr. Mohil Khare
Third prize in VCET hackathon 2021,organized by , VCET

Mr.Kunal Mehata
Successfully completed the Google Summer of Code(GSoC) project on "Orcasound" and received a stipend of 3000 USD, 2020, organized by GSoC

FY EXTC student **Mr. Aakash Gupta** was a member of University of Mumbai Team which **was runner up in All India Inter University Squash Tournament** in 2022 and 2023

TY EXTC student Mr. Ambaji Bodekar was a selected to represent University of Mumbai Team at **National level Inter University Best Physique (Men)** Tournament in 2022 and 2023
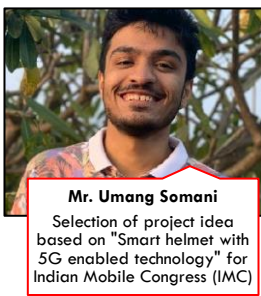
Mr. Umang Somani
Selection of project idea based on "Smart helmet with 5G enabled technology" for Indian Mobile Congress (IMC)

Mr. Vaibhav Lakhani
Acknowledged by National Critical Information Infrastructure Protection Centre an organization of Govt. of India for reporting various vulnerabilities

Maharashtra State Table Tennis Championship and Men's Singles Mumbai University Table Tennis Championship won by Computer Department student Mr. Jash Dalvi in 2019-20

1st Prize in Electric Studio event and **2nd Prize in Maker's Backyard event** to the Information Technology Department student Rohit Bokade in ISTE Students National Convention 2019

3rd prize of Kerala Government Engineering Design National Award to students of Information Technology Department Falguni Thakkar and team under the guidance of Prof. Harsh Bhor in ISTE Students National Convention 2019

Institute Projects

Collaborative Experimental Research Product **"Heatwave Watch System"** developed by Dr. Radhika Kotecha, Head of IT Department and Dr. Rajib Chattopadhyay, Scientist E - IMD Pune, with students of IT Department under the directions of Dr. Suresh Ukarande, Principal and Dr. K. S. Hosalikar, Head & Scientist G - IMD Pune launched to predict probable heatwaves and pre-empt heat-related health emergencies across the Nation

"ISTE Membership Portal" and **"ISTE HRMS Portal"** developed for the **Indian Society for Technical Education (ISTE)** by students from Department of Information Technology - Keshav Mishra, Gitika Jha, Sharvil Dandekar, Taksha Limbashia, Om Parab under the guidance of Dr. Suresh Ukarande and Dr. Radhika Kotecha

Software Development Cell (SDC) launched mobile app "Kisan Khazana(Healthy Earth Healthy Farmer)" for farmers of Karnataka, India through Godavari Bio-refineries Ltd., Karnataka. Institute received **Rs. 73 lakhs towards the consultancy charges** for this project

Dr. Umesh Shinde initiated a project **Upper Air Sounding System** under **Make in India Initiative** in collaboration with Databyte Services and Systems, Mumbai and Society for Applied Microwave Electronics Engineering and Research (SAMEER) in November 2019

Dr. Sunita Patil, Vice Principal and Dr. Hariram Chavan, Professor, Department of Information Technology conducted **two weeks consultancy training program** for Rs. 2.3 Lakh for **Indian Navy Officers** at INS Valsura, Gujrat on Artificial Intelligence and Big Data analytics
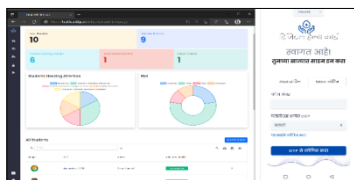
"Digital Health Card" – a Multilingual Web and Mobile Application developed for **Schools** under the **Somaiya Trust** by students students from Department of Information Technology - Jay Ganatra, Parth Maniar, Dhrumil Vora, Vedant Tamgadge under the guidance of Dr. Suresh Ukarande and Dr. Radhika Kotecha

Ritesh Sandbhor, Sahil More, Yash Deshpande, Shatayu Thakur and Nayan Bhatia under the guidance of Prof. Reena Lokare and Dr. Hariram Chavan developed web based and app based **Severe Acute Respiratory Illness-SARI Survey Software and Mobile App"** for Health Department, Solapur Diustrict Municpal Corporation

"Development of Artificial Intelligence Models for Weather-Based Short-Term Load Forecasting" in collaboration with India Meteorological Department and Tata Power Company Ltd. by students Parth Maniar, Saj Maru under the guidance of Dr. Suresh Ukarande and Dr. Radhika Kotecha

KJSIT's Student's / Alumni Startups / Incubators / Enterpreneurs

We 4u Technologies, Mumbai	**Future Preneur Hub LLP, Mumbai**
• Mr. Mihir Maniar	• Mr. Sagar Thareja
• 27BTXPM8624D1Z4	• 2898
Carvicing Total care, Thane	**One roof Technologies lip, Mumbai**
• Mr. Chirag Joshi	• Mr. Kenil Jain
• 27AANFC2247IZS	• 27AANFC2247IZS
Emergence, Mumbai	**Manarj Innovation Pvt Ltd.**
• Mr. Rachit Desai	• Mr. Amey Rane
• 27AANFC2247IZS	• U29100MH2018PTC313850
Innokrit Inventions Pvt. Ltd. Mumbai	**Hetal Electrical and Engineering Corporation**
• Mr. Vijay Jha, Mr. Praful Mishra	• Mr. Hardik Kadakia
• U72100MH2019PTC324209	• 27AACPK8265D
Othrys Media OPC Pvt. Ltd	**ActureMedia**
• Mr. Moin Masurkar	• Mr. Jay Bhanushali
• 186139U74999PN2019OPC186139	• MH18D0175997
Yarsh Hybrid Technology Solutions	**GET SET GO TOURS & TRAVELS**
• Mr. Yash Adhiya	• Mr. Vipul Jethava
• 4515010UF	• 4515010UF
RoboKart	**Study Hour, Mumbai**
• Mr. Ritesh Shah	• Mr. Raj Davda
• MH18E0198727	
Digital Data System, Mumbai	**Artiligent Solutions Pvt. Ltd.**
• Mr. Anshul Kathpalia	• Mr. Rupesh Sawant
• 27AOZPK1336G1ZM	• U93090MH2018PTC307033
Getsetg007 Explore Life , Thane	**Mindscript**
• Mr. Dhruv Mehta	• Mr. Nikhil Pawar
	• 101397551803
Pick And Build Constructions Private Limited	**CognitoIT Consultancy Pvt. Ltd.**
• Mr. Dhruv Shah and Mr. Ishant Thaker	• Mr. Prashant Nair, Mr. Premanand K. Nair
• 337060	• U74999DL2019PTC349304
BetterGhar Retail Pvt. Ltd.	**Cosmic Technosolution**
• Mr. Hitesh Ajmera	• Mr. Jignesh Vaghela
• 314729	
Cosmic Technosolution	**FUDS International**
• Mr. Jignesh Vaghela	• Mr. Dhaval Dattani
Tripotripy	**Anti Theft Security, Navi Mumbai**
• Mr. Girijesh Hirdesh Gupta	• Mr. Prasad Dukhande
• BVXP2870K	• AAXFA0966A
SKYLO INNOVATIONS	**Connectclub Network Pvt. Ltd., Delhi**
• Mr. Ravi Jaiswal	• Mr. Nikhil Srivastava, Mr. Swapnil Bajpai, Mr. Aakash Jain, Mr. Dhananajay Chaurasia
• 762145797	• U74999DL2019PTC349304

Ranking Status

Atal Ranking of Institutions on Innovation Achievements (ARIIA) by Ministry of Education:

❑ In **ARIIA 2020,** KJSIT was placed in **"Rank Band B"** – indicating a Rank between 26-50 in category of Private / Self-Financed Colleges / Institutes participating from all over India.

❑ In **ARIIA 2021,** KJSIT was placed in **Rank Band "Performer"** in category of Private / Self-Financed Colleges / Institutes (Technical) participating from all over India.

National Institutional Ranking Framework (NIRF) – India Rankings by Ministry of Education:

❑ **KJSIT** was placed in the **Rank Band 251-300** in **India Rankings 2020** by **NIRF, Ministry of Education, Govt. of India** from **1071 Engineering Institutes** participating from all over the nation.

❑ **KJSIT** was **one of the 12 Engineering Colleges** affiliated to the **University of Mumbai** that secured a position in **NIRF - India Rankings 2020.**

Institution's Innovation Council (IIC) Ratings by Ministry of Education's Innovation Cell:

❑ **First Position** in Western Zone amongst 394 IICs and in **Top 59 IICs** amongst 2834 IICs all over India in A.Y. 2021-22

❑ **First Position** in Western Zone amongst 367 IICs and in **Top 10 IICs** amongst 2618 IICs all over India in A.Y. 2020-21

❑ **First Position** in Western Zone amongst 284 IICs and in **Top 40 IICs** amongst 1610 IICs all over India in A.Y. 2019-20

❑ **First Position** in Western Zone amongst 159 IICs and in **Top 25 IICs** amongst 952 IICs all over India in A.Y. 2018-19

❑ Selected as **Mentor** to 05 Institutes under the **Mentor-Mentee Programme** and received a grant of INR 2.25 Lakhs from MoE and AICTE.

❑ 30 **Faculties & Staff** from KJSIT - IIC are **Innovation Ambassadors** for MIC

India Today has ranked KJSIT on 91st All India Rank, 12th rank under Maharashtra and 3rd rank under Mumbai private engineering colleges in June 2022

Infrastructure

Computation and Internet

The institute has 771 computer terminals with INTEL i3 configuration including 4 servers connected through LAN / Wi-Fi and are loaded with advanced application and system software. Internet accessibility is provided for 24 hrs with the bandwidth of 150 Mbps. Common Computing facilities with dedicated internet connectivity in laboratories. State of the Art laboratories with high end equipments.

Auditorium and Seminar Hall

The Institute has a well equipped air conditioned auditorium and seminar hall admeasuring 386 sq.m. and 145 sq.m. respectively, for conducting extra-curricular activities like technical seminars, lectures, workshops, students activities and other cultural activities which normally are a part of the academic calendar. Training and placement activities are regularly conducted in the auditorium and seminar hall.

Classrooms and Drawing Hall

The institute has seventeen spacious, well lit and ventilated class-rooms and a drawing hall, designed to provide students with a clear view of board/LCD projection, good audibility during the theory lectures. The classrooms have provision for audio-visual aids. Two classrooms are smart classrooms with interactive boards. 5 classrooms are having Offee Wifi as an education and entertainment tool.

Eco-friendly Infrastructure

Institute has developed a butterfly garden in the campus to make the campus environmental friendly. Ring well is available on the campus which is used for rainwater harvesting. Institute has installed composting system through which canteen food waste and organic waste in the Institute premises are converted into useful manure.

Infrastructure

Sports Facilities

Gymkhana provides facilities to practice sports. Our sports complex consists of indoor table tennis, carom, chess, outdoor table tennis, outdoor chess, Volleyballl ground, AstroTurf football, football ground skating, cycling track and cricket ground. There is an open gymnasium which aids in the development of physical fitness and is a stress buster after long hours spent in the classroom.

Hostel

The hostel accommodation for outstation students is provided by Somaiya Trust at Vidyavihar and Ayurvihar campuses. There are two hostels which can accommodate 408 girls and 524 boys between them. Hostel rooms are well equipped and have internet facility, provides hygienic/nutritional food and recreation avenues like gymnasium, jogging track etc.

Canteen

Spacious open canteen with delicious food, electric and internet points at places with a small amphitheater like arrangement for mini events is available in newly constructed Riturang Building

Bus Facility

Both the campuses of Somaiya Trust at Vidyavihar and Ayurvihar are connected through bus facility for students and staff.

Department of Electronics & Telecommunication Engineering

Department of Electronics & Telecommunication Engineering started in the year 2001 with an intake of 60. The intake was increased to 120 in the year 2003. The department is accredited by NBA in 2018.

The department has highly qualified and well-motivated faculty supported by dedicated technical and nonteaching staff members. The department has well equipped labs with latest state of art facilities. The department is committed to impart excellent teaching-learning and research & development activities in the field of electronics & telecommunication to the students in a most effective manner. The department organizes expert lectures, workshops, seminars, industrial visits, internships and other co-curricular activities for the all-round development of students that provide an engineering attitude amongst students to solve technical problems with confidence. The department also organizes the activities to inculcate ethical behavior, responsibility and commitment amongst the students. The students take active participation in workshops, project competitions and other co-curricular & extracurricular activities.

The current curriculum of the department under autonomy has a blend of courses covering IT and the core domain catering to the current industry requirements. The curriculum includes courses such as Artificial Intelligence, Cloud Computing, Data science, Machine and Deep learning, Natural Language Processing etc. in the IT domain and courses like wireless networks, 5G technology, RF Design, Sensor Technology and Internet of Things, Embedded Systems, Robotics and Autonomous vehicle etc. in the core area.

The students of the department have scope of placement in the fields of Mobile & Wireless Communication, Microwave & RF communication, Signal Processing & Machine Learning, VLSI & Embedded System Design, Networking, Robotics, Defense and Research applications.

Best Practices of Department

- ✓ Highly qualified & dedicated faculty and staff
- ✓ Well equipped & latest state of the art laboratories
- ✓ Extensive use of ICT in teaching - learning
- ✓ Focus on all-round development of students
- ✓ Emphasis on Skill, Activity, Technology and Project based learning
- ✓ Active participation in project competitions, paper presentations & other technical and cultural activities
- ✓ Strong mentoring system
- ✓ Active association with professional bodies like IEEE, IEI & IETE

Shri. K. J. Somaiya Award for Somaiya Star Student (Girl) at Somaiya Vidyavihar Awards 2019 Ms. Preksha Hatolkar, Dept. of Electronics and Telecommunication

Department of Computer Engineering

The department of Computer Engineering was established in the year 2001 to impart quality education with intake of 60 and has doubled to 120 from the academic year 2019-20. The department is accredited by NBA in 2018 and has highly qualified, determined and dedicated teaching faculty who prepare students to excel in the field of computer engineering. The state-of-the-art laboratory facilities for students to perform project-based learning.

Besides offering undergraduate (B.Tech. in Computer Engineering) it also offers Post Graduation (M.Tech.) in Artificial Intelligence. As the autonomous status is awarded by UGC from academic year 2021-22, curricula have revised for UG and PG programs by Board of Studies. Exposure courses like Skill based, Activity based and Technology based courses are added to motivate students to participate in various activities. Under Project Based Learning (PBL) mini, minor and major projects are introduced from Semester III to Semester VIII which help students to work in a team and develop projects using latest technologies. Few faculties from department work dedicatedly in Software development Cell (SDC) which is actively involved in R&D and consultancy projects.

Student's active participation in technical activities like Hackathon, Project competitions, International conference etc. gives them a platform to interact with the industry personnel. Students have opportunities to participate in various professional bodies, students club and student cell to flourish their talent in co-curricular and extra co-curricular activities

Department students have always brought laurels and won monetary prizes in many national and international level competitions. The department has to its credits of maximum number of placements of the students in Infosys, TCS, Accenture, Cognizant, L&T Infotech, CSC, Tech Mahindra, Mastek, ICON, Majesco, MuSigma, BNP Paribas. Every year, few students opt for pursuing higher studies at prestigious universities in India and abroad.

Department Highlights

- ✓ ICT and innovative practices for best teaching learning
- ✓ Highly competent and dedicated faculty with vast teaching and industrial experience
- ✓ Project Based Learning to enhance students' technological aptitude
- ✓ Ample opportunities and funding Industry and Research projects
- ✓ Guidance and support for participation in national and international level competitions
- ✓ Abundant opportunities for in-house and industrial internships
- ✓ On/off campus placement opportunities, Career guidance and placement training
- ✓ Strong mentoring system to connect students
- ✓ Strong alumni association
- ✓ Expert talks, SDP, Webinars, FDPs, workshops for students and faculties
- ✓ Departmental library
- ✓ NPTEL Local chapter, spoken tutorial IITB, Coursera online courses are available for certification
- ✓ Certificate and Value-added courses for the development of overall performance of the students

Department of Information Technology

Department of Information Technology empowers its students to become the technological leaders of tomorrow by imparting quality education and knowledge of cutting-edge Information Technology. The Department offers state-of-the-art curriculum for B.Tech. (Information Technology) designed with detailed inputs from industry experts considering the current and futuristic market trends — to produce industry-ready engineers. The department organizes myriad co-curricular and extra-curricular activities like Seminars, Hackathons, Competitive Programming Practice Series, Aptitude Practice Series, Mock Interviews, Higher Studies Guidance Seminars, Business Plan Development Workshops, PoC Development Sessions, etc. to create a broader perspective for students, help them to identify career interests, acquire training in the right direction, build higher self-esteem, and learn essential life skills.

Forte of the Department:

- ❑ **Emphasis on Research and Innovation:** Several live/need-based projects developed and deployed for application areas like healthcare, societal contribution, automation, weather, education, agriculture, security and surveillance, etc.
- ❑ **Culture of Internships and Industry Exposure:** Summer and Winter Internship arranged for all students through strong tie-ups with 40+ IT companies.
- ❑ **Placements, Higher Studies, and Entrepreneurship:** Records of high-salary & 100% placements in reputed companies with high-profiled job roles, admissions in universities with world rank in top 50, several start-ups established, etc.
- ❑ **Innovative Teaching-Learning Pedagogies:** Student-centric approach, Project-based Learning for various academic accomplishments as well as synergy between teaching and all-round development of the students.
- ❑ **Dynamic Faculty:** 06 Ph.D., 04 Ph.D. - Pursuing, and other experienced faculties with expertise in AI, Machine Learning, IoT, Big Data Analytics, Blockchain, Cloud Computing, etc.
- ❑ **State-of-the-Art Infrastructure:** Ambience for world-class learning experience with modern IT tools — also usable for online education.
- ❑ **Mentoring and Opportunities for Students:** With mentoring by the department, students actively participate and win prizes in various competitions like National-level Hackathons, Maker Mela, Innovation Contests, Debates, Paper Presentations, Project Competitions, etc.
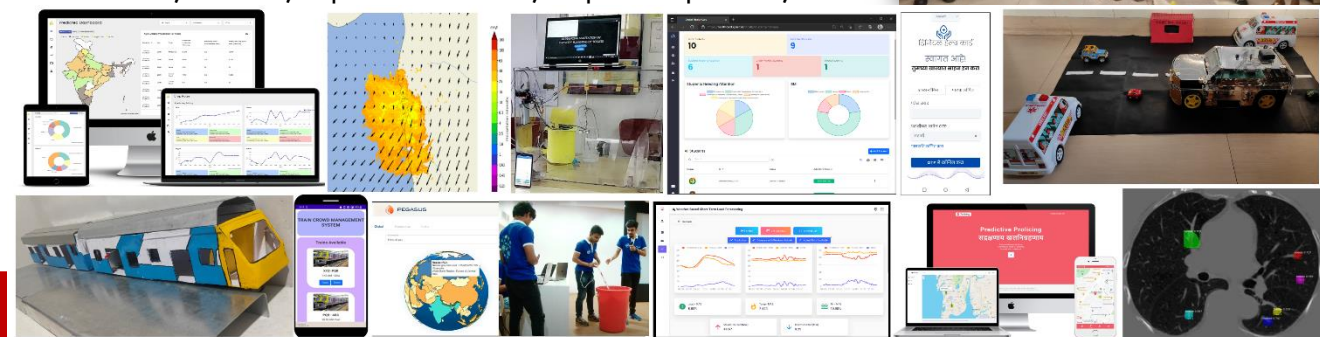
Department of
Artificial Intelligence and Data Science

Department of Artificial Intelligence and Data Science established in the year 2020-2021 ans has the intake capacity of 120 seats. An undergraduate program B.Tech Artificial Intelligence and Data Science which imparting knowledge in the two emerging thrust areas Artificial Intelligence (AI) and Data science (DS). This is an interdisciplinary branch of science, engineering and technology creating a complete system and a pattern shift in almost every sector of the technical industry, academics and research. Machine Learning (ML) is the subset of AI, makes computers thinks and act like humans and Deep Learning is the subset of ML, allows machines to think and make decisions like humans. This B.Tech course is designed to enable students to build the next age of intelligence machines and to prepare students with the skills to develop real world applications using data analytics and visualization technologies. With the tremendous amount of data generated every day, Data Science plays vital role helping every business organisation in identifying business trends and changes through advanced Big Data Analytics, statistical analysis, data extraction, manipulation, visualization and data maintenance to interpret and predict business results and future.

Highlights of the Department:

- ❑ Students centered Teaching Learning Process
- ❑ Focus on Focus on Experiential and Project Based Learning
- ❑ Funding for development of Industry and Research Projects
- ❑ Parental care and Counselling
- ❑ Strong Industry Interface and Hands on Training to students
- ❑ In-house and Industry Internship opportunities
- ❑ State of the art infrastructure and cutting edge laboratories
- ❑ Excellent faculty student ratio.
- ❑ Online learning through NPTEL, Coursera, Spoken Tutorial, etc.
- ❑ Focus on extracurricular activities through NSS

Core Areas of AI&DS: Artificial Intelligence, Database Management System, Machine Learning, Big Data Analytics, Data Science, Internet of Everything, Artificial Neural Network, Deep Learning, Natural Language Processing, Deep Reinforcement Learning, Quantum Computing, Environment
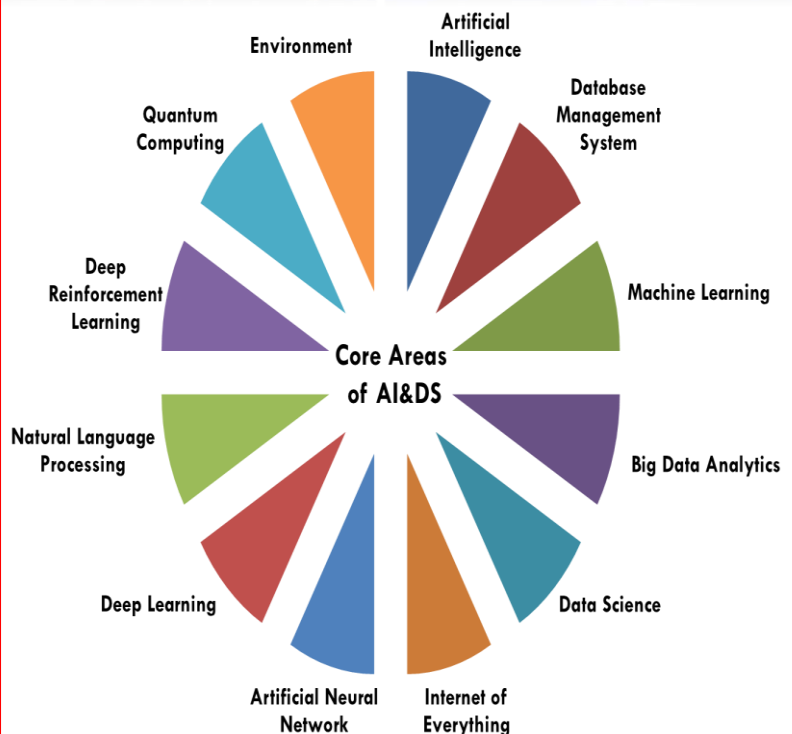
Department of
Basic Sciences and Humanities

The Department of Basic Science and Humanities endeavors to accomplish the objectives concerned with the Engineering courses. In the direction of imparting training to deliver the Universal Human Values as a part of holistic measures the department has implemented the 'Induction Training Program' to the newly admitted students. The key focus is on Personal Counselling & Mentoring' with expert lectures in the area of Sports, Research, Culture, Ancient and Foreign Languages, Yoga & Meditation, Guidance on Start-ups etc. The students are inducted to various core committees headed by the faculty – National Programme on Technology Enhanced Learning **– NPTEL** (online courses run by IITs), Vyom (Astronomical Club), Infinity Loop (Programing/Coding), Indian Society for Technical Education **– ISTE** (Technical events), New Leap Initiative (Satellite club) Aura Magazine, Nakshatra (Marathi Bhasha Cultural Wing), Somaiya Space Conclave, the first of its kind in Indian college. The Induction program is aimed to reinforce the fundamental concepts and the required language skills as pre-requisites for technical education. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.

Laboratories -

- ✓ Applied Physics Lab
- ✓ Applied Chemistry lab
- ✓ Engineering Mechanics lab
- ✓ Basic Electrical Engineering Lab
- ✓ Auto-cad Lab
- ✓ Sci-Lab
- ✓ Language Lab
- ✓ Computer Programming Lab
- ✓ Hardware and Networking Lab
- ✓ Workshop
- ✓ Engineering Drawing Hall

Post-Graduate Programme in Artificial Intelligence

Programme Highlights:

Programme :	Master of Technology in Artificial Intelligence	**Discipline :**	Computer Engineering
Intake :	18 Seats	**Duration :**	2 Years

Eligibility : Passed Bachelor Degree in Computer Engineering / Information Technology / Electrical Engineering / Electronics Engineering / Electronics and Telecommunication Engineering / Instrumentation Engineering / Power Electronics -- with at least 50% marks (at least 45% marks in case of candidates of Backward class categories, Economically Weaker Section (EWS) and persons with disability belonging to Maharashtra State)

Requisite: Non-Zero Positive GATE Score in Computer Science and Information Technology (CS), Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN) streams **OR** Full-time Work Experience of 2 Years with Sponsorship Certificate from the Employer

Programme Objectives:

✓ To provide comprehensive knowledge of state-of-the-art AI techniques
✓ To produce skilled practitioners who can cater to the needs of government, industry and scientific organizations in the area of AI
✓ To produce industry-ready professionals with strong algorithmic perspective of AI
✓ To acquaint working professionals with cutting-edge developments in AI
✓ To facilitate programmers in migrating to AI solutions' development
✓ To provide hands-on experience on multiple case studies using key drivers of AI like Python, R, MATLAB, Caffe, Hadoop and more

Salient Features of the Programme:

✓ Artificial Intelligence indicated as Emerging Areas of Technology by AICTE
✓ Cutting-edge curriculum designed with extensive input from industry subject matter experts
✓ Hands-on artificial intelligence projects
✓ Pedagogy: Learning by doing, Industry mentoring, Blended learning
✓ Job opportunities at Research and Development level
✓ Industry insights through multiple industry knowledge sessions
✓ Platform to exchange research ideas with peers through the International Conference organized annually at KJSIT
✓ Direct advantage of Center of Excellence at Robotics Process Automation at KJSIT
✓ Benefit of R&D culture in KJSIT to aspirants: More than 40 Research Grants received, More than 35 MoUs signed with industries, Expert talks organized on Research Opportunities by eminent scientists, Training programmes on various AI software development tools, etc.
✓ 24*7 access to state-of-the-art research publications in IEEE, ACM, Elsevier, Springer, etc. digital libraries for KJSITians

Courses Offered:

✓ Machine Learning and Pattern Recognition
✓ Mathematical Foundations of Data Science
✓ Deep and Reinforcement Learning
✓ Natural Language Processing
✓ Robotics Process Automation

✓ Bio-inspired AI
✓ Big Data Analytics
✓ Information Retrieval
✓ AI in Bio-informatics
✓ Autonomous Robotics

✓ Computer Vision
✓ IoT Data Analytics
✓ Speech Recognition
✓ Blockchain
✓ Mixed Reality

https://kjsit.somaiya.edu.in/en

Exploring the Frontiers of Research Excellence with KJSIT PhD Programs

Computer Engineering | Information Technology | Electronics and Telecommunication Engineering

Welcome to the Doctoral Program at K J Somaiya Institute of Technology, where we empower aspiring scholars to push the boundaries of knowledge in the fields of Computer Engineering, Information Technology, and Electronics and Telecommunication Engineering. Our program is designed to provide an intellectually stimulating and supportive environment for doctoral candidates, fostering innovation and expertise in cutting-edge research.

Why Choose our Doctoral Program?

The Research Autonomy, Depth of Specialization, Mentorship, Interdisciplinary Approach, Collaboration, and Diverse Research Areas allowing you to delve deep into the field that aligns with your passion and career goals.

Computer Engineering : Intake 15

Explore advanced topics like:
- Artificial Intelligence,
- Machine Learning/ Deep Learning,
- Cloud Computing and Virtualization,
- Internet of Things (IoT),
- Computer Vision, High Performance Computing,
- Information Retrieval,
- Natural language Processing, Bioinformatics, and more.
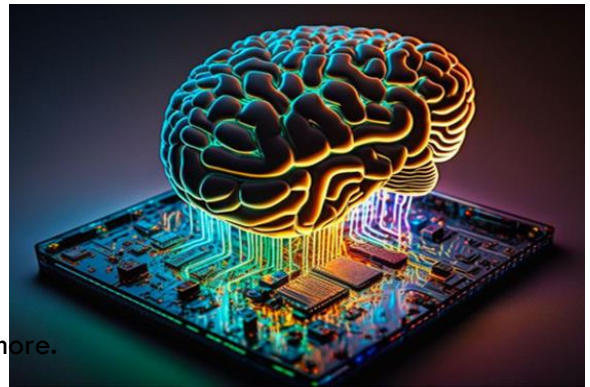
Information Technology : Intake 15

Investigate emerging areas such as :
- Data Science and Predictive Analytics,
- Cognitive Computing and Neural Networks,
- Augmented Reality and Virtual Reality,
- Big Data Analytics,
- Cybersecurity, Cloud computing,
- Software engineering, and beyond.
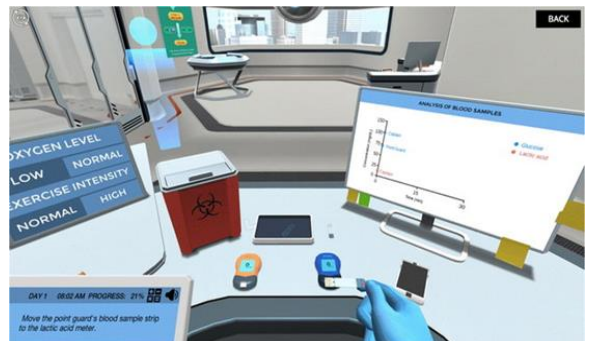
Electronics and Telecommunications: Intake 15

Immerse yourself in the study of: 5G and Beyond,
- Edge Computing,
- Wireless Communication,
- Signal processing,
- Embedded systems,
- Wireless Sensor Networks,
- Green Communications and Energy Efficiency,
- VLSI design, and more.

Institute Administration

Name: Dr. Suresh K Ukarande (**Principal**)
Qualification: Ph.D., IIT Bombay, M.Tech., IIT Bombay (WRE), B.E (Civil Engineering),
M.I.E. (India), M.I.S.T.E., M.I.S.H., M.I.A.H.
Specialization: Civil Engineering and Water Resources
Experience: 37 yrs

Name: Dr. Sunita R Patil (**Vice Principal, Professor**)
Qualification: Ph.D. (Computer Engineering),
M.E. (Computer Engineering), B.E. (Computer Science and Engineering)
Specialization: Artificial Intelligence, Data Mining, Databases
Experience: 23.5 yrs

Name: Dr. Jayashree Khanapuri (**HOD Electronics and Telecommunication**)
Qualification: Ph.D. (Electrical & Electronics Engineering Sciences),
M.E. (Digital Electronics), B.E. (E&C)
Specialization: Digital Image Processing
Experience: 22 yrs Research – 3.6 months

Name: Dr. Milind Nemade (**HOD Artificial Intelligence and Data Science**)
Qualification: Ph.D. (Electrical Engineering (Speech Processing),
M.E. Electrical Engineering (Microprocessor Applications), B.E. (E&TC)
Specialization: Audio/Speech Processing, Music Therapy, Machine Learning, Artificial Intelligence
Experience: 26 yrs

Name: Dr. Sarita P. Ambadekar (**HOD Computer Engineering**)
Qualification: Ph.D (Computer Engineering)
M.E. (Computer Engineering), B.E. (Computer Science and Engineering)
Specialization: Image Processing, Database, Data Mining, Machine learning
Experience : 24 yrs

Name: Dr. Radhika Kotecha (**HOD Information Technology**)
Qualification: Ph.D. (Technology and Engineering)
M.Tech. (Computer Science & Engineering), B.E. (Computer Engineering)
Specialization: Artificial Intelligence
Experience: 13 yrs

Name: Dr. Hariram Chavan (**Dean Administration, PG & Ph.D. Coordinator**)
Qualification: Ph.D. (Computer Engineering),
M. E. (Computer Engineering), B.E. (Computer Science and Engineering)
Specialization: Artificial Intelligence, Mobile Database
Experience: 27 yrs

Name: Dr. Harsha Mishra (**HOD, Basic Sciences and Humanities**)
Qualification: Ph.D. (Chemistry),
M.Sc. (Organic Chemistry), B.Sc. (Chemistry, Zoology, Botany)
Specialisation: Natural Products
Experience: 24 yrs

Name: Dr. Namrata Ansari (**Dean Academics**)
Qualification: Ph.D. (Electronics Engg.)
M.E. (Electronics and Telecommunication Engineering)
B.E. (Electronics engineering)
Specialization: Microstrip Antenna, Internet of Things
Experience: 24 yrs

Institute Administration

Name: Prof. Uday Rote (**Dean Student Welfare**)
Qualification: Ph.D. (Pursuing),
M.E. (Computer Engineering), B.E. (Computer Science & Engineering)
Specialization: Wireless Sensor Network
Experience: 22 yrs

Name: Dr. Vaishali R. Wadhe **(Dean Industry & Institute Interaction Cell)**
Qualification: Ph.D. (Cloud Computing),
M.E. (Electronics Engineering), B.E. (Electronics & Telecommunication)
Specialization: Cloud Computing
Experience: 20.5 yrs

Name: Dr. Umesh Shinde **(Dean Research & Development)**
Qualification: Ph. D. (Science),
M. Sc. (Solid State Physics)
Specialization: Physics
Experience: 22 yrs

Name: Dr. Vrushali Deole, **(Dean, Alumni & Corporate Relations)**
Qualifications: Ph.D. (Mumbai University), M.A. (English Literature)
Specialization: Gender Studies
Experience: 22 yrs

Name : Prof. Ghanashyam Phadke (**Training and Placement Officer)**
Qualification: M.F.M. (Masters in Financial Management),
M.E. (Electronics Engneering), B.E (Electrical Engneering)
Specialization: Masters in Financial Management, NET in Management
Experience: Industry -18 yrs 4 months, Institute- 21 yrs

Name: Dr. Vaishali K. Ghadyalji **(Controller of Examinations)**
Qualifications: Ph.D., M.A. (English Literature), B.A. (English Literature)
Specialization: English Literature (Drama)
Experience: 23.5 yrs

Name: Prof. Mandar Bivalkar **(Asst. Professor, Computer Engineering and IQAC Co-cordinator)**
Qualifications: Ph.D pursuing IIT Roorkee
M.Tech (Electronics and Telecommunication Engineering), B.E (Electronics Engineering)
Specialization: Communication System
Experience: 21 yrs

Name: Gauri Gothivrekar **(Librarian)**
Qualification: B.Sc. (Chem.), B.L.I.Sc., M.L.I.Sc., SET
Specialization: Library Science
Experience : 16 yrs- Institute , Industry – 3 yrs

Name: Ms. Kavita Kadam **(Office Superintendent)**
Qualification: MBA (HR), B.Sc. (Chemistry)
Specialization: Human Resource and Management
Experience: 21 yrs

Name: Ankush Gaikwad, (**Accountant)**
Qualification: Bachelor in Commerce
Specialization: Accounts
Experience: Industry – 14 yrs Institute- 20 yrs

Knowledge Resource Centre (Library)

Salient Features

- ❑ 23677 print books comprising of text books, Reference books, Encyclopaedia , General Reading books and Competitive exam books
- ❑ Updated Library page on Institute website
- ❑ Access to 16000+ ebooks pertaining to engineering and membership of National Digital Library of India
- ❑ 500+ E-journals including IEEE, ASME, Wiley Springer, ACM digital library, National digital library
- ❑ 40 print journals
- ❑ Remote access to e-Library
- ❑ Institutional repository comprising study material, video lectures by Institute teachers and Old Question papers
- ❑ Availability of Anti-plagiarism software -Turnitin
- ❑ NPTEL video lectures by IIT professors on various subjects
- ❑ Comprehensive collection of CDs and DVDs, Study material and application software.
- ❑ Well maintained old question papers files both in print and soft format
- ❑ Additional reading facility on holidays during examination
- ❑ Access to all Somaiya Libraries including Ayruvihar and Vidyavihar campus
- ❑ **Online** facilities for Book Catalogue search, Book renewal, Book Reservation
- ❑ Alerts about current contents and current material in library
- ❑ 15 newspapers in English and other regional languages
- ❑ Various activities like Book exhibitions, Seminars
- ❑ Star reader student award for the student borrowing books for maximum time in a semester
- ❑ Earn and Learn scheme implementation
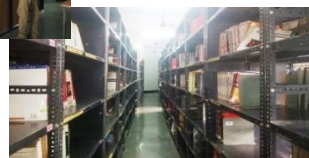
Best Practices in Academics

Quality Teaching Learning Process

Corrective Measures and Continuous Improvement

Think
- Curriculum Design with Industry Experts and Alumni
- BOS Meetings
- Governing Board Meeting
- PAC, DQC and DAB Meetings,
- Skilled Activity and Technology Based Learning Activities

Plan
- Institute Academic Calendar
- Departmental Academic Calendar
- Time Table
- Teaching and Lab Plan
- Assignments and Tutorials Planning
- Institute /Department Activity Planning
- Industry Expert Talks
- Faculty Training

Do
- Pre Semester Academic Monitoring
- Conduction of DQC and DAB Meetings
- Conduction of lectures using ICT, OBE
- Weekly/Monthly Academic Monitoring
- HOD and PAC Committee Monitoring
- Activities for Weak and Bright Students
- Guest/Alumina/Industry Expert Talks/Lectures
- Research Projects
- Parent Teacher Interaction

Evaluate and Review
- Pre Direct and Indirect Assessment
- Interactive, Cooperative Learning
- Rubrics Based Assessment
- Module, Course, Lab and Program Exit Surveys
- Online Feedback
- Course Attainment
- Academic, IQAC Audits

Digital Learning

Institute uses TCS-iON Digital Learning platform, Value addition Online Certification courses of NPTEL, Swayam, Spoken Tutorials-IIT Bombay, Coursera.org campus licence, National Digital Library of India, etc.

Methodologies to Support Slow and Fast Learner Students

Identification based on

Examination of Previous Semester	Examination of Previous Semester
Examination of Previous Semester	Examination of Previous Semester
Weak Student	Bright Student
Remedial Classes	Guided for Career Planning
Individual Academic Counseling	Motivate to publish or write Paper in Conference / Journal
Peer-to-peer Learning	Arrange Seminars for GATE / Competitive Exams
Personal Counseling	Training Programs
Counseled and Motivated by the Mentor	Encourage to participate in Inter / Intra Competitions

Facilities on Campus

Software Development Cell (SDC)

Software Development Cell is a group of faculty members and students of the institute who want to put theory into practice and make use of their knowledge for betterment of society through project development.

With perseverance and diligence, the team managed to take up not only in house projects but also software consultancy projects for organizations like Godavari Bio-refineries Limited, Sameerwadi, K J Somaiya Science and Commerce College,

SDC's MILESTONES
Software Development Cell

- **RUSA Information Management Portal** — Participated for Government tendor — 2018
- **Kissan Khazana Admin Portal** — Students : 12, Revenue : ₹4,17,248 — 2018
- **Kisan Khazana** — Faculty : 3, Revenue : ₹46,00,000 — 2016
- 2015
- 2016
- **Sameerwadi Project** — Students : 21, Savings : ₹60,000
- **Private Cloud** — Students : 13, Savings : ₹1,50,000
- 2014
- **Examination Software** — Students : 5, Revenue : ₹1,55,760
- 2014
- 2011
- **Faculty Feedback** — Faculty : 3, Savings : ₹30,000
- **Admission Software** — Students : 8, Savings : ₹1,50,000, Revenue : ₹90,000

Mumbai etc. The gamut of projects taken up and successfully delivered by the team includes Admission Process Management, Agricultural Data Management for KIAAR, Mobile based notification application fo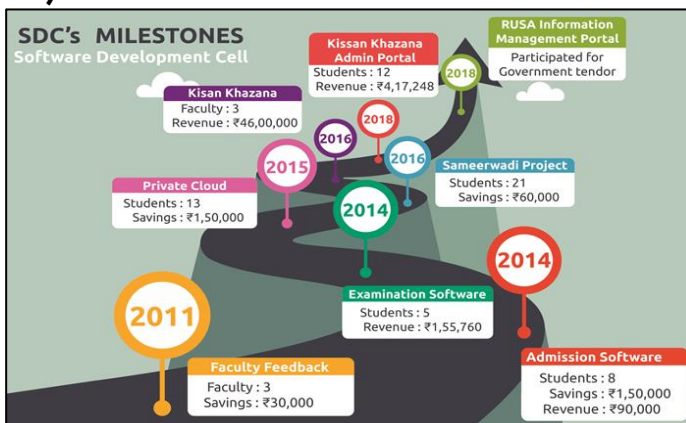r Farmers, tissue culture growth room controller, Examination Management System, GIS based Crop management System, Expert Systems to guide farmers etc.

Institution's Innovation Council (IIC)

Institution's Innovation Council of the institute (KJSIT - IIC) runs as per the guidelines of MHRD's Innovation Cell (MIC) to promote innovation and entrepreneurship at institute level. The prime goal of KJSIT – IIC is to encourage, inspire and nurture young minds of students by supporting them to work with new ideas and transform them into prototypes as well as products. Throughout the year, KJSIT - IIC conducts various innovation and entrepreneurship-related activities for the students like seminars, webinars, interactions with entrepreneurs, idea competition, design competition, PoC development workshops, mini-challenges, hackathons, business plan competition, etc. with the involvement of industries, thus creating a vibrant local innovation ecosystem in the institute.

National Service Scheme (NSS)

NSS cell is engaged in the social activities and organizes various events like Road Safety week, cleanliness drive, blood donation drive, yoga sessions, voter's awareness drive etc. every year. NSS Cell also conducts a camp in the tribal areas for students. It has adopted one village for their social work. Blood donation camp is organised every semester in association with Somaiya hospital.

Facilities on Campus

Annual International Conference on "Advances in Science and Technology"- ICAST: (Publication Partner – IEEE Xplore

Institute annually organises international conference - ICAST to bring together academicians, researchers, developers, engineers, students, industrial experts and practitioners working in India and abroad promoting research and developmental activities & scientific information interchange in the field of science ,engineering and technology to a common forum.

KJSIT-DLLE Centre

Institute has registered with DLLE, Department of Lifelong Learning and Extension, University of Mumbai during this year 2019-20. An opportunity is open to students to gain 10 marks grace at Final Exam during every year provided that they are working for 120/240 hrs of extension activities/projects.

Extension students are involved in different extension projects of Skill Development, Industry Orientation, Career Guidance, Entrepreneurship Development, Status of Women in Society, Environmental Protection, Population Education, National Institute of Schooling and Anna Poorna Yojana.

KJSIT-DLLE received Consolation prize for poster presentation at Udaan- Flight of Extension 2020, Annual Festival by DLLE, University of Mumbai in January 2020 which is of great achievement

Developer Student Club (DSC):

DSC club aims to collaborate and become a chapter of Google Developer Student Club following all its functions and aims working on Data Science, Cyber Security, App Development, IOT, Cloud Computing, Machine, Deep Learning - Artificial Intelligence and Firebase technologies. DSC collaborates with business organisations for technology based solutions facilitating project based problem solving activities.
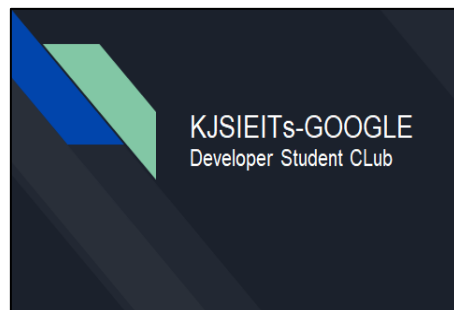
REDX-AI Club:

REDX (Rethinking Engineering Design and Execution)- AI (Artificial Intelligence) club provides students a platform to work on real time projects. Students will be developing the projects using AI-ML technology under guidance from industry experts. The basic focus is to work in the domain of agriculture, Healthcare and Education.

KJSIT-Green Club

Green club creates environmental and cleanliness awareness among students and staff using various techniques. Also educate students and staff for plantation of more number of trees including medicinal plants and maintaining the Institute campus green by using concept of Reduce, Reuse and Recycle. Green club promotes to use smart techniques for saving and efficiently using natural resources for maintaining the Campus Green and also to participate and win as KJSIT with different awards and rankings.

Facilities on Campus

Industry Institute Interaction Cell (IIIC)

Industry Institute Interaction Cell (IIIC) is dedicated to bridge the gap between academics and industries. Through IIIC, the institute has signed MOUs with industries for various activities. It identifies students to work on projects in industries, organizes Job-Fair to increase placement of the institute, arranges guest lectures/seminars of industry experts, organizes industrial visits / training for students and faculty . It also encourages students to join internship programs at various industries as well as in house internship provided by faculty, students and alumni.

Research Innovation Incubation Design Laboratory (riidl)

riidl is an incubation centre which provides nurturing environment to early based startups by providing them work space and mentoring which enables them to contribute to the community. Through riidl, we also create focused groups who wants to work on projects and technology based business ideas. The services provided by riidl help startup to grow and facilitate their need during their early growth stage.

Innovative Student Project Funding

Institute encourages research and development culture among students from first year engineering itself. Innovative, need based, societal projects are fully funded by the institute and platforms being made available to use, market, produce, present, publish and patent student's projects.

Interaction With Outside World

Students are encouraged to interact with outside world by supporting them for participation and winning at project competitions, project exhibitions, research conventions, conferences, programming and hackathon contests, technical and non-technical activities, sports, startups etc.

New Leap Initiative (NLI)

New leap initiative is a space club at our Institute. The team is a proud winner of 'Touch The Jovian Moon-Lander Mission Design' contest hosted by LPSC-ISRO. NLI was started with a belief to make space accessible to the common man. Basic goal of NLI is to apply knowledge of engineering to develop inexpensive, flexible and easily reproducible designs to better serve the community. NLI team is also working in association with ISRO towards the development of a two nano satellite. Besides the primary goal, team is also involved in various other industrial projects out of which one is under 'Make in India' Initiative.

Cyber Security Cell

Cyber Security Cell started with the motive to create awareness about cyber crimes and security. Through Cyber Security Cell various workshops, seminars and training programs are conducted for all sections of society. The cell provides consultancy services as well. The cell gives exposure to the students and faculty to the recent trends in cyber crimes and trains them to secure the systems. Students are sent to the internship programs in cyber security industry

Training - Placement and Result

With a view to providing appropriate career opportunities to students, the Training and Placement (T&P) Cell continuously interacts with the leading companies and organizations. The T&P office handles all the aspects of campus placements and has adequate arrangements for the pre-placement training talks, written tests, group discussions, interviews, finishing schools etc.

The T&P committee grooms students to enhance their communication and presentation skills though mock-practice sessions. It emphasizes on analytical abilities, aspects on flexibility and adaptability, in order to cope with the changing and competitive business environment. Relevant workshops are frequently organized for student advancement.

Total Offers as % of Number of Eligible Students
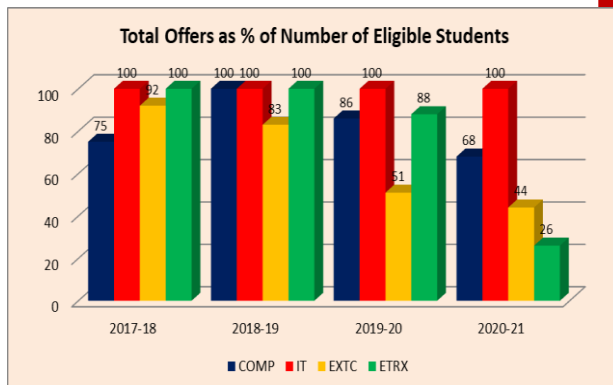
Recruiting company	CTC Offered
IDFC First Bank	13.5 LPA
Seclore	12 LPA
nVent	9.6 LPA
Media. Net	8.1 LPA
KMK Consulting	8 LPA
TCS	7 LPA
Learning Routs	7 LPA
Jio Platforms	7 LPA
Accelya	7 LPA
Zeus Learning	7 LPA
Jaro Education	6.5 LPA
Cognizant	6.5 LPA
Arcon	6.5 LPA
Delloitte	6 LPA
BNP Paribas	6 LPA
SS&C	6 LPA

Last 3 Years Result

Month & Year	Computer Engineering	Information Technology	Electronics and Telecommunication Engineering	Electronics Engineering
May 2022	95.59	100	100	98.81
May 2021	100	100	100	100
May 2020	100	100	100	100

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Student Welfare

Scholarships and Other Schemes

Government Scholarships	Somaiya Trust Level Scholarships
1. EBC (Rajarshi Chatrapati Shahu Maharaj Fee Reimbursement Scheme) 2. EBC-University of Mumbai 3. Scheduled Caste (SC) / Scheduled Tribe (ST) 4. Other Backward Class (OBC) 5. Special Backward Class (SBC) 6. VJNT (Vimukta Jati & Nomadic Tribe) 7. Scheduled Tribe 8. Teachers Ward Scholarship 9. Minority Scholarship 10. J&K PMSSS Scholarship 11. J&KSSS and Govt. of India 12. PMSS Scholarship-CAPF&AR 13. Tata Scholarship 14. Amartya Shiksha Yojana Policy	1. Need Based Scholarship 2. Merit Based Scholarship 3. Special Interest Scholarship 4. Research Fellowship 5. Subjects based Scholarship 6. SIMSR Scholarship 7. Help a Child 8. Somaiya Scholarship For women 9. KJSIT Merit cum Means Scholarship 10. KJSIT Helping Hand Scholarship 11. Various Trust Scholarship 12. Somaiya Women's Scholarship

Note: Student can apply for Scholarship as per eligibility criteria

MOUS/ Internships

1. Ediffy Communication Pvt. Ltd. 2. Copper Track Industries, Nashik 3. Mastek Ltd. Mumbai 4. K J Somaiya Institute of Applied Agricultural Research (KIAAR), Karnataka 5. Teach To Lead, Vikhroli, Mumbai 6. Ecstasy Educational Holiday Planner Pvt. Ltd. (EEHP) 7. Acevin Solutions, Mumbai 8. Current Technology (C-Tech) 9. Riva Labs Private Limited, Nagpur 10. Cognito IT Consulting Private Limited (CCPL) 11. K. J. Somaiya Medical College and Research Centre (KJSMC) 12. Campus Credential (CC) 13. Josh Technology Group (JTG)(Product: CALYXPOD) 14. CMP Infotech (CMP) 15. Databyte Systems and Services (DSS) 16. SAHU Technologies 17. Internshala	18. SMEC Automation Ltd. 19. TATA Power Skill Development Institute (TPSDI) 20. Namangan Institute of Engineering and Technology, Uzbekistan 21. Myraa Technologies 22. VLiNK 23. Nibban Enterprise 24. IBM 25. Standardswing Technologies Pvt. Ltd. 26. Mindscripts 27. AY International Pvt. Ltd. 28. BSNL 29. Entuple Technologies Pvt. Ltd 30. Data Security Council of India (DSCI) 31. Absolute Motion Pvt. Ltd. 32. Flexi Templates Pvt.Ltd 33. Image Online Pvt.Ltd 34. BridgeLabz Solutions Private Limited 35. 3.0 Verse

Student Welfare

Trust Level / Institute Level Awards and Recognitions

✓ Outstanding Students (Boy & Girl) of the year Award for Best Performance in Academics
✓ Outstanding Students (Boy & Girl) of the Year under Higher Education
✓ Toppers/ Projects/ Innovations/ Technical / Co-curricular / Extra curricular

Need Based and Societal Project Based Learning

Institute is focusing on project based learning. Faculty & Students are developing Society and need based projects in the fields of Health-informatics, Bioinformatics and Agricultural Research.

Projects Completed / Ongoing in the Institute

Sr. No.	R & D Project Domains	No. of Projects			Total Grant Applied / Received (In Rs.)
		Completed	On-going	Total	
1	Agricultural Research	-	3	3	Received 25,20,500/- and Applied for 2 crores grant
2	Healthcare Research	2	7	9	Worth 1 Crore
3	In-house Automation	3	-	3	Received 34,026/-
4	Societal Contribution	4	3	7	Received 1,01,155/-and Applied for 24,38,480/- grant
5	Security	7	-	7	Received 39,100/-
6	Others	2	3	5	Received 15,25,000/-
7	New Leap Initiatives: Satellite Related	4	7	11	15 lakhs grant

Student Support Committees

Project Competition Cell	Women Development Cell	Library Committee
Training and Placement Cell	Cultural Committee	Academics Committee
Alumni & Corporate Relations Committee	National Innovation and Startup Policy	Department of Lifelong learning and Extension
Internal Quality Assurance Cell	Industry Institute Interaction Cell	Technical Committee
Research Development and Consultancy Committee	Eradication of Sexual Harassment Committee	NPTEL Study Centre Committee
Institute Innovation Council	Student Council	Safety & Security Committee
Career Opportunities for Engineers in Public Sector Cell	Marathi Bhasha Wagdmay Mandal – Nakshatra	Entrepreneurship Development Cell
Robotics – AI Cell	Vyom Club (Astronomy)	Canteen Committee
Software Development Cell	Infinite Loop Club	NSS Committee
Aura Magazine Committee	New Leap Initiative Committee	Sports Committee
Counselling and Mentoring Cell	Student Welfare Committee	Discipline Committee
REDX – Club (Rethinking Engineering Design and Execution)	Students Grievance Redressal Cell & Portal	Green Club
Anti Ragging Committee	Anti Ragging Squad	Robocon Club

Student Professional Bodies

CSI-KJSIT
Computer Society of India (CSI) has been instrumental in building many successful engineers over the years. Number of technical and non-technical activities are held throughout the year for the all round technical and managerial skills of students.

IET-KJSIT
The Institution of Engineering and Technology (IET) student chapter helps students to develop their technical skills that are essential in the corporate world. Most of the workshops, seminars, competitions are held by IET professionals with training on various technical projects. Institute is an academic affiliate partner of the IET.

E-Cell KJSIT
The Entrepreneurship Cell (E-Cell) is an association managed and driven by students to promote entrepreneurship among students. E-Cell is associated with the National Entrepreneurship Network (NEN) to interact with like-minded people, The E-Cell basically focuses on student start-ups.

IEEE-KJSIT
The Institute of Electrical and Electronics Engineers Standards Association (IEEE-SA) is an organization within IEEE that develops global standards in a broad range of industries, including power and energy, biomedical and health care, information technology, telecommunication, transportation, nano-technology, information assurance, and many more. IEEE-KJSIT provide learning opportunities to students in the field of engineering sciences, research and technology.

IETE-KJSIT
The Institution of Electronics and Telecommunication Engineers (IETE) is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. The IETE-KJSIT Student Chapter focuses on advancement of the Science and Technology of Electronics, Telecommunication, Computers, Information Technology and related areas.

ISTE-KJSIT
The vision of Indian Society for Technical Education (ISTE) is a world where all learners thrive, achieve and contribute. ISTE-KJSIT works with a mission to empower learners to flourish in a connected world by cultivating a passionate professional learning community, linking educators and partners, leveraging knowledge and expertise, advocating for strategic policies, and continually improving learning and teaching.

IEI-KJSIT
The Institution of Engineers (India) (IEI), the premier professional body of engineers in India, has contributed significantly in all faculties of engineering and all sectors of applications like academics, administration, industry, infrastructure and consultancy.

ACS-KJSIT
Founded in 1876 and chartered by the U.S. Congress, ACS is the world's largest scientific society. Their mission is to advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people. Their vision is to improve people's lives through the transforming power of chemistry.

S4DS- KJSIT
S4DS- KJSIT student chapter was inaugurated in March 2023. Members of the chapter are actively involved in 8 projects in the area of Data Science. A Knowledge sharing platform, "KnowHow Community" is thriving under the chapter.

Co-Curricular Activities
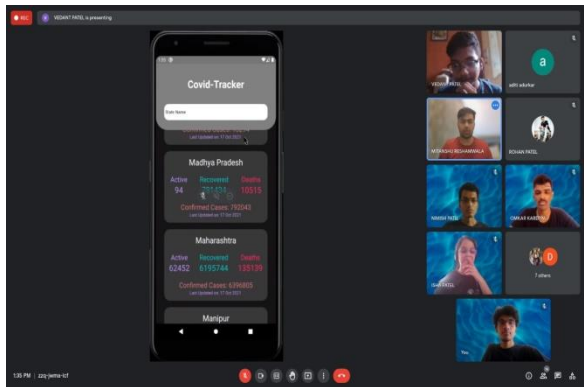
Life Long Learning and Extension Activities

Extra-Curricular Activities

Admission Process

Admissions are strictly on the inter-se-merit basis and as per the rules prescribed by the Directorate of Technical Education and Admission Regulating Authority, Government of Maharashtra.

For all the seats, the candidate can apply through Centralized Admission Process (CAP) by the Competent Authority (State CET Cell, Admission Regulating authority, Govt. of Maharashtra) as per schedule. Online applications and detail information about CAP process is available on website www.mahacet.org.

For the seats remaining vacant after CAP rounds, online Application forms are available on the College website: **https://kjsit.somaiya.edu.in/en**. Candidates can fill the online application form. Necessary documents must be uploaded along with the online form. The processing charges for application form will be **Rs.1000/-** only which should be paid online. To apply for these seats the candidate must have initially registered online, uploaded the documents at www.mahacet.org and got their application and documents verified by the designated E-Scrutiny Centre through online mode.

Notification and advertisement regarding vacant seats remaining vacant after CAP rounds will be published in leading newspapers. All notices regarding admissions will be displayed on college website. Refer to the college website for online application form, prospectus, Last date for receipt of completed Application Forms, Dates for display of merit lists and schedule of counseling session.

Courses Offered and Sanctioned Intake for First Year Engineering (B.Tech.)

The Institute offers Bachelor of Technology Degree Programs of four years duration with an annual intake of 480. The Institute is self-financed, approved by All India Council for Technical Education (AICTE), Directorate of Technical Education, Maharashtra State and is affiliated to the University of Mumbai.

Seats available for the First Year Engineering Course (B.Tech.)

Branch	Sanctioned Intake	Choice Code (CAP)	GLM (51%) (CAP)	Non-Minority (49%) (CAP)	TFWS*	J&K *
Computer Engineering	120	320924510	61	59	6	1
Information Technology	120	320924610	61	59	6	1
Electronics and Telecommunication Engineering	120	320937210	61	59	6	1
Artificial Intelligence and Data Science	120	320999510	61	59	6	1

This College has Gujarati Linguistic Minority status. Accordingly, the distribution of seats is as follows:
   i)   51% of SI for Gujarati Linguistic Seats admitted through CAP by the Competent Authority.
   ii) 49% Non-Minority through CAP by the Competent Authority.

*Additional Seats available for admission through CAP which are over and above the Sanctioned Intake as per Government notifications.

Eligibility Criteria

Eligibility for Admission to the First Year Engineering (B.Tech.)

(For Maharashtra State Candidates)

i. The Candidate should be an Indian National

ii. Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies and obtained at least 45 % marks (at least 40 % marks, in case of Backward Class categories, Economically Weaker Section and Persons with Disability category candidates belonging to Maharashtra State), in the above subjects taken together; and the Candidate should have appeared in all the subjects in MHT-CET2023 and should obtain non zero score in MHT-CET2023 conducted by the Competent Authority;

<div align="center">OR</div>

ii. *Passed Diploma in Engineering and Technology and obtained at least 45% marks (at least 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only)

For All India Candidates, Eligibility criteria will be as per the rules mentioned in Maharashtra Government Gazette No. Part - 4B, 08 October 2020 issued by Govt of Maharashtra.

Note: Please refer Information Brochure for admission to Full Time Professional Undergraduate Technical Courses for Academic Year 2023-24 issued by Admission Regulating Authority (available at www.mahacet.org)

Eligibility for Admission to the Direct Second Year Engineering (B.Tech.)

i. The candidate should be an Indian national;

ii. Passed Diploma Course in Engineering and Technology with at least 45% marks (40% marks in case of candidates of Backward Class categories, Economically Weaker Section and Persons with Disability category belonging to Maharashtra State) in appropriate branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent;

<div align="center">OR</div>

ii. Passed B.Sc. Degree from a University Grants Commission (UGC) or Association of Indian Universities recognized University with at least 45% marks (40% in case of candidates of Backward Class categories, Economically Weaker Section and Persons with Disability category belonging to Maharashtra State) and passed HSC or its equivalent examination with Mathematics as a subject.

Eligibility for Admission to the Master of Engineering (M.Tech.)

Passed Bachelor Degree in Computer Engineering / Information Technology / Electrical Engineering / Electronics Engineering / Electronics and Telecommunication Engineering / Instrumentation Engineering / Power Electronics -- with at least 50% marks (at least 45% marks in case of candidates of Backward class categories, Economically Weaker Section (EWS) and persons with disability belonging to Maharashtra State)

Requisite: Non-Zero Positive GATE Score in Computer Science and Information Technology (CS), Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN) streams **OR** Full-time Work Experience of 2 Years with Sponsorship Certificate from the Employer

Fees Structure(2023-24) to be updated

The Fees payable on admission to the College for the First Year / Direct Second Year Engineering undergraduate Degree Course and the first Year Engineering postgraduate Degree Course will be charged as per the decision of Fees Regulating Authority.

Fee Structure for the First Year Engineering (Undergraduate Course) B. Tech. (2023-24)

Category	Tuition + Development Fees in ₹	Total Fees in ₹ including other Fees ** Maharashtra State board Candidate	Total Fees in ₹ including other Fees ** Other than Maharashtra State board Candidate
Open Category **(CAP)**			
SC **(CAP)**	-		
ST **(CAP)**			
VJ/NT/DT SBC/SBC-A **(CAP)**			
OBC/EBC **(CAP)**			
TFWS **(CAP)**			
J & K & GOI **(CAP)**			
Vacancy Against CAP seats			

Fee Structure for the Direct Second Year Engineering (Undergraduate Course) B. Tech. (2023-24)

Category	Tuition + Development Fees in ₹	Total Fees in ₹ including other Fees **
Open Category **(CAP)**		
SC / ST **(CAP)**		
VJ/NT/DT/ SBC/ SBC-A**(CAP)**		
OBC/EBC **(CAP)**		
Vacancy Against CAP seats		

Fee Structure for the First Year Engineering (Postgraduate Course) M. Tech. (2023-24)

Category	Tuition + Development Fees in ₹	Total Fees in ₹ including other Fees ** Mumbai University Candidate	Total Fees in ₹ including other Fees ** Other than Mumbai University Candidate
Open Category			

** Other fees includes University Enrolment fee, E-Charges, Disaster Relief Fund, Students Insurance, Amartya Insurance, Sports &Cultural Activities, Cultural Activities Fund, Gymkhana Fees, Exam Fees, College I-card & Library Card charges, University eligibility charges, verification charges, processing fee etc. as applicable.

As per Maharashtra Education Institute (Prohibition of Capitation Fee) Act 1987, Institute is not charging any kind of extra fees.

The fees will be accepted by **Online payment through net banking, debit card, credit card** or by demand draft or pay order drawn in favour of **"K. J. SOMAIYA INSTITUTE OF ENGINEERING & I. T."** payble at Mumbai.

Document Checklist

Documents Checklist for the First Year Engineering

One true copy of required documents must be submitted online at the time of submitting application form (printed from our web site). Candidate must submit originals along with three sets of true copies of required documents must be submitted at the time of confirming admission.

For all candidates

1) SSC (Std X) Mark sheet
2) HSC (Std XII) Mark sheet
3) MHT-CET Score Card 2023
4) HSC Leaving Certificate after passing HSC (Std XII)
5) Certificate of Indian Nationality
6) Receipt-cum Acknowledgement from E-Scrutiny Centre
7) Migration Certificate (For candidates other than Maharashtra State Board)
8) Gap affidavit (If Year of passing HSC before 2023)
9) True copy of Aadhar card (at the time of admission)

For candidates admitted through CAP

9) CAP Allotment letter (at the time of admission)
10) In addition to the above mentioned documents, the candidates admitted under different categories in CAP rounds are required to submit documents as mentioned in information brochure issued by competent authority
11) ARC Seat Confirmation Receipt

For All India Candidates admitted based on JEE Main 2023 Paper-I

Scorecard of JEE (Main) 2023 Paper-I

For SC/ST Candidates

a) Caste Certificate from competent Authority
b) Caste Validity Certificate (Compulsory as per notification received from Govt. of Maharashtra)
c) Income Certificate issued by competent authority
d) Ration Card
e) Bank Account details
f) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

For NT1, NT2, NT3, OBC & SBC Candidates

a) Caste Certificate from competent Authority
b) Non-creamy layer certificate valid up to 31st March, 2024
c) Caste Validity Certificate (Compulsory as per notification received from Govt of Maharashtra)
d) Income Certificate issued by competent authority
e) Ration Card
f) Bank Account Details
g) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

For Gujarati Linguistic Minority Candidates

a) School Leaving Certificate mentioning Gujarati Language as mother tongue

<div align="center">OR</div>

a) Certificate issued by registered community regarding mother tongue of the candidate
b) Affidavit on stamp paper of Rs. 100 /- in prescribed format (available on college website)
c) Domicile Certificate of Maharashtra State (or documents specified for Maharashtra State Type A or Type B candidate).

For EBC Candidates

a) Income Certificate for the year 2022-23 issued by competent authority
b) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

Document Checklist

Documents Checklist for the Direct Second Year Engineering

One true copy of required documents must be submitted online at the time of submitting application form (printed from our web site). Candidate must submit originals along with three sets of true copies of required documents must be submitted at the time of confirming admission.

For all candidates
1) SSC (Std X) Mark sheet
2) HSC (Std XII) Mark sheet (if diploma passed after HSC)
3) Diploma All Semester Mark sheets
4) Diploma Provisional certificate
5) Equivalence certificate (if passed from autonomous institute)
6) School Leaving Certificate after passing Diploma
7) Certificate of Indian Nationality
8) Receipt-cum Acknowledgement from E-Scrutiny Centre
9) Migration Certificate
10) Gap affidavit (If Year of passing Diploma before 2023)
11) True copy of Aadhar card (at the time of admission)

For candidates admitted through CAP
11) CAP Allotment letter (at the time of admission)
12) In addition to the above mentioned documents, the candidates admitted under different categories in CAP rounds are required to submit documents as mentioned in information brochure issued by competent authority
13) ARC Seat Confirmation Receipt

For SC/ST Candidates
a) Caste Certificate from competent Authority
b) Caste Validity Certificate (Compulsory as per notification received from Govt. of Maharashtra)
c) Income Certificate issued by competent authority
d) Ration Card
e) Bank Account details
f) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

For NT1, NT2, OBC & SBC Candidates
a) Caste Certificate from competent Authority
b) Non-creamy layer certificate valid up to 31st March, 2024
c) Caste Validity Certificate (Compulsory as per notification received from Govt of Maharashtra)
d) Income Certificate issued by competent authority
e) Ration Card
f) Bank Account Details
g) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

For Gujarati Linguistic Minority Candidates
a) School Leaving Certificate mentioning Gujarati Language as mother tongue
<div align="center">OR</div>
a) Certificate issued by registered community regarding mother tongue of the candidate
b) Affidavit on stamp paper of Rs. 100 /- in prescribed format (available on college website)
c) Domicile Certificate of Maharashtra State (or documents specified for Maharashtra State Type A or Type B candidate).

For EBC Candidates
a) Income Certificate for the year 2022-23 issued by competent authority
b) Maharashtra State Domicile Certificate (for Scholarship and Fee Concession)

Rules and Regulations

Cancellation of Admission and Refund of Fees

Rules prescribed in Information Brochure for admission to Full Time Professional Undergraduate Technical Courses for Academic Year 2023-24 issued by Admission Regulating Authority

Retention of Original Documents

Original certificates shall be submitted for verification to the college authority effecting admission. If a candidate is offered admission, his/her original School/ Institution Leaving Certificate (after qualifying examination) and Certificate of Marks at the qualifying examination will be retained by the college. These two original certificates will not be returned to any candidate once admitted to a course unless the candidate cancels his/her admission. If a candidate is unable to produce these two original certificates at the time of his/her admission on account of his/her admission to some other institution; he/she will have to produce a certificate from the Head of the Institution where he/she has taken admission indicating that he/she has been admitted to a particular course in that institution and hence his/her original certificates have been retained in that institution. Along with such a certificate the candidate shall be required to submit the copies of the above mentioned two certificates; i) School / Institution Leaving Certificate (after qualifying examination) and ii) Certificate of Marks at the qualifying examination, duly attested by the Head of the institution in which he/she has taken admission.

Miscellaneous

On confirmation of admission after payment of fees, the student will be governed by the Rules and Regulations of Discipline and Conduct of the Institution, University of Mumbai as prescribed by the competent authority from time to time.

Agreement Bond

Candidate and his/her parent/guardian will have to sign an Agreement Bond (available with application form) at the time of admission. The candidate passing the qualifying examination (XII Std.), from other than Maharashtra State Board and admitted to any course in Engineering at this College will have to produce the eligibility certificate from the University of Mumbai to which the college is affiliated, before his/her admission. Further clarification, if any may be obtained from the College Office.

Conduct and Discipline

Notwithstanding anything contained in the Rules, if the state Government takes any policy decision pertaining to FE admission, then the same shall be brought into effect at that point of time as per the directives from the government from time to time. Failure of the candidate in making full and correct Statements in the application form and/or suppression of any information and/or submission of false documents shall lead to disqualification of the candidate during the Admission Process or even at later date of admission. Students while studying in this college, if found indulging in anti-national activities contrary to the provisions of Acts and Laws enforced by government or in any activity contrary to rules of discipline will be liable to be expelled from the college without any notice by the Director/ Principal of the College. If a student is found indulging in activities, or acts or commission or omission which amount to an offence under Indian Penal Code or under any act or Statute or any other act or omission which amounts to breach of discipline, the student will be liable for disciplinary action and may be punished with fine or any other punishment including expulsion from the college. If any of the statement made in application form or any information supplied by the candidate in connection with his/her admission is later on, at any time, found to be false or incorrect, his/her admission will be cancelled, fees forfeited and he/she be expelled from the College by the Director/Principal. An appeal against the order of expulsion, however, may be preferred within 7 days to the Director of Technical Education. Maharashtra State, Mumbai, whose decision in such cases will be final.

Scholarships and Schemes

Scholarships and other Schemes

KJSIT-Merit Cum Means Scholarship/Sponsorship of ₹ 25,000/- for 20 students in Electronics and Telecommunication branch.

Eligibility Criteria:

1) Candidate should be economically weak but deserving with an excellent academic record.

2) Yearly income of the candidate should not be more than Rs. 1,00,000/-. Candidates will have to submit income certificate stating that his/her parent's annual income is less than Rs.1,00,000/- lakh from all sources from the appropriate authority.

3) Minimum Cut-off marks for Scholarship/Sponsorship will be decided at the time of admission process.

4) Scholarship/Sponsorship of a student will be discontinued if found indulging in anti-institutional activities, ragging or any other activity contrary to rules of discipline without any notice.

5) Scholarship/Sponsorship of a student will be discontinued if his/her yearly progress report (of the candidate) is not satisfactory.

Concession in Tuition and Other Fees:

All the schemes given below, regarding concession in tuition and other fees shall be available to candidates belonging to Maharashtra State only subject to the fulfillment of the eligibility criteria specified by respective authorities offering such concession in fees from time to time.

E.B.C. Concession:

Candidates claiming concessions for Economically Backward Class (E.B.C.) shall produce a certificate from the Executive Magistrate to the effect that the candidate belongs to EBC category at the time of admission. Candidates admitted under CAP and who wants to avail this facility should submit an application in the prescribed form to the appropriate authorities through student section of the institute.

Concession in Fees for Backward Class Category Candidates (belonging to Maharashtra state only)

For SC / ST / VJ DT / NT1/ NT2 /NT 3 / OBC / SBC / ESBC category candidates

The scheme will be announced by the state Government. The candidates admitted under CAP will get only that amount of waiver as notified in the circulars issued by the Social Justice and Tribal Welfare Departments from time to time, subject to fulfillment of various norms and conditions laid down by these Departments.

Candidates claiming fee concession under reservation category shall produce the requisite certificates as may be specified by the respective Social Justice and Tribal Welfare Departments.

Amartya Shiksha Yojana Policy:

The Government of Maharashtra and DTE has implemented this unique Scheme for Degree Courses in Engineering/ th Technology Students all over Maharashtra vide G. R. No. TEM-2011/(11/2011) TECH EU 04 dated 25 August, 2011. The Scheme is mandatory for all the colleges and students to pay and get insured as per the aforesaid Government Resoultion, from the Academic Year 2012-2013 for all the students. For further information contact Students Section of Institute.

Prevention and Prohibition of Ragging in Technical Institution under Anti Ragging Act

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the All India Council for Technical Education,(AICTE) brings forth these Regulations.

Department of Electronics and Telecommunication

Department of Computer Engineering

Department of Information Technology

Department of Artificial Intelligence and Data Science

Department of Basic Sciences and Humanities

Eminent Dignitaries Visited the Institute

Sr. No.	Name of the person	Designation
1	Dr. R. Chidambaram	DAE-Homi Bhabha Professor, BARC and Former Principal Scientific Advisor, Government of India
2	Dr. Larry Walker	Emirates Professor, Cornell University, London.
3	Dr. Jayant Naralikar	Scientist & Astrophysicist, India
4	Dr. Hemantkumar Aiyer	Chairman, Crompton Greeves, CG Global Research Centre, Mumbai.
5	Dr. Rudra Pratap	Chairperson, Department of Mechanical Engg. IISC, Bangalore.
6	Dr. Abhay Wagh	Director, Directorate of Technical Education, Mumbai.
7	Dr. Uday Khedkar	Professor, Computer Science, IIT Bombay, Mumbai
8	Dr. Ashish V. Tendulkar	Senior Data Scientist,Reliance Industries, Mumbai
9	Dr. A.K.Das	Dy. Project Director,Mumbai Monorail project,Mumbai
10	Dr. Pallavi Darade	Additional Municipal Commissioner, Greater Mumbai
11	Mr. Prabhakar Deodhar,	Advisor to the Ex-Prime Minister, Founder of APLAB Group of Companies, Mumbai
12	Shri. S. S. Shinde	Joint Muncipal Commissioner of Police, Mumbai
13	Dr. Sanjay Deshmukh	Vice Chancellor, Mumbai University
14	Dr. S. S. Mantha	Former Chairman, AICTE
15	Dr. R. V. Shegaonkar	Director, IIT-Delhi, Provost SVV
16	Dr. Prathap Haridoss	NPTEL Co-ordinator, IIT-Delhi
17	Mr. Achyut Godbole	Ex.CEO L&T Infotech, Writer and Author of many Technical Books, Mumbai
18	Dr. Harold D'costa	CEO, Intelligent Quotient Security System, Pune
19	Mr. Alexander Antipin	Head of communication of ROSATOM, Nuclear Power of Russia.
20	Dr.Shaila Subbaraman	Professor, Walchand College of Engineering, Sangli., MH
21	Dr. Bhalchandra Bange (ICT)	Professor, Industrial and Engineering Chemistry
22	Mr. Sunil Khanna	President & Managing Director at Emerson Network Power, India & Chairman - CII Maharashtra State
23	Mr. G. D. Powar	General Manager, Defence Section, L&T, Powai, Mumbai
24	Mr. Vikrant Sankhe	General Manager, Siemens, India Pvt. Ltd., Mumbai
25	Mr. Vicky Shah	Advocate Cyber Law, 65B Compliance, Mumbai
26	Miss Nirali Bhatia	Cyber Psychologist and Director at V4web, Mumbai
27	Dr. Debdatta	NMRL, DRDO, Mumbai
28	Captain Tanuja Kabare	Ex- Captain, Indian Army
29	Mr. Mitheel Jaikar	Ex-Major, Indian Army
30	Smt. Anuradha Gore Veermata	Well known Marathi Writer
31	Prof. Santosh Haram	Professor and Director, National Center for Nanosciences and Nanotechnology, University of Mumbai
32	Dr. Udayan Ganguly	Department of Electrical Engineering, IIT Bombay, Powai
33	Dr. Dipankar Saha	Department of Electrical Engineering, IIT Bombay, Powai
34	Dr. B. R. Sankapal	Professor, Department of Physics
35	Dr. Nitin S. Kale	Chief Technology Officer & Co-Founder, NanoSniff Technologies Pvt Ltd
36	Dr. Mainak Roy	Scientific Officer, BARC, Mumbai
37	Dr. Sandesh Jaybhaye	Nanotechnology Research Centre, Department of Chemistry
38	Mr. Mahesh Mhatre	Chief Editor, IBN Lokmat News Channel, Mumbai
39	Mr. Balkrishna Nan	General Manager, Reliance Jio, Mumbai
40	Mr. S. Saini	ScientificOfficer, BARC,Mumbai
41	Dr. S. R. Shimjith	Scientific Officer, BARC,Mumbai
42	Dr. Abhijat Vichare	Consultant, Abhijat Research & Software, Pune
43	Mr.Vinit Vijay Raghavan	Founder, Solarian Foundation, Mumbai
44	Mr. G. S. Tuteja	Head, Western Railways, Mumbai
45	Prof. Pratap Sinh Kakasaheb Desai	President, ISTE, New Delhi
46	Mr. Joy Rajan Cheruvathoor	Sr.V P, Business Services,Vodafone India
47	Mr. Shekhar Sanyal	Country Head, The IET, Mumbai
48	Prof. Dr. Umesh Bellur	Professor, Department of Computer Engineering,IIT-Mumbai.
49	Dr.Madhuri Sharon	Eminent Scientist,IITB, Mumbai
50	Dr. Maheshwar Sharon	Eminent Scientist,IITB, Mumbai
51	Mr. L. E. D'Cruz,	Ex-Chairman, The IET Mumbai Local Network, Mumbai
52	Dr. Girish Kumar	Professor Electrical Engineering IIT-B, Chairman, Wilcom Technologies Pvt. Ltd., Mumbai
53	Mr. Bomi Sam Gandhi	Vice President (Sales) at Godrej & Boyce, Mumbai
54	Mr. S.M.Vaidya	Vice President,Aerospace Department, Godrej,Vikhroli, Mumbai

Few Celebrities Visited our Institute

1	Mr. Sonu Nigam	Singer
2	Mr. Irfan Khan	Hollywood actor and Bollywood Actor
3	Mr. Clinton Cerejo,	Music Producer and Singer
4	Mr. John Brandon Hill	Hollywood actor and Bolly wood Actor
5	Mr. Abhijeet Sawant,	Play back Singer
6	Shri Samir Date	Play back Singers
7	Ms. Dipali Somaiya,	
8	Mr. Sudeep Jaipurwale,	Play back Singer
9	Isho Deol	Bollywood Actor
10	Mr. Pravin Dawane	Marathi Poet & Orator
11	Ms. Deepali Kelkar	News Reader, Aakashwani Kendra, Mumbai

And many more regular visits by Academicians, Researchers, Bureaucrats, Writers/Poets, Social Workers, Thinkers, Artists, Entertainers, Industrialists, etc.

https://kjsit.somaiya.edu.in/en

Year of Establishment	Somaiya Vidyavihar Institutes and Initiatives		
1942	Somaiya Vidya Mandir	Sakarwadi	Shirdi - Ahmednagar
1959	Somaiya Vidya Mandir	Laxmiwadi	Shirdi - Ahmednagar
1960	K J Somaiya College of Arts & Commerce	Vidyavihar	Mumbai
1962	K J Somaiya Junior College of Arts & Commerce	Vidyavihar	Mumbai
1963	Smt Sakarbhai K Somaiya Junior College of Education	Vidyavihar	Mumbai
1963	K J Somaiya Polytechnic	Vidyavihar	Mumbai
1965	Somaiya Shishu Niketan Primary School	Sameerwadi	Bagalkot - Karnataka
1968	S K Somaiya Vinay Mandir High School	Vidyavihar	Mumbai
1970	S K Somaiya Balvatika	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
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
1984	Somaiya Vinaymandir Kannada High School	Sameerwadi	Bagalkot - Karnataka
1988	K J Somaiya Private Industrial Training Institute	Vidyavihar	Mumbai
1989	K J Somaiya Bharatiya Sanskriti Peetham	Vidyavihar	Mumbai
1990	K J Somaiya Comprehensive College of Education, Training & Research	Vidyavihar	Mumbai
1991	Shri Sharda English Medium School	Kopargaon	Shirdi - Ahmednagar
1991	Nareshwadi Learning Centre	Dundalwadi	Dahanu - Maharashtra
1992	K J Somaiya Medical College & Research Centre	Ayurvihar	Mumbai
1993	K J Somaiya Yoga Academy	Vidyavihar	Mumbai
1993	K J Somaiya Centre for Buddhist Studies	Vidyavihar	Mumbai
1994	K J Somaiya College of Nursing	Ayurvihar	Mumbai
1995	S K Somaiya College of Arts, Science & Commerce	Vidyavihar	Mumbai
2001	K J Somaiya Institute of Engineering & Information Technology	Ayurvihar	Mumbai
2002	K J Somaiya College of Physiotherapy	Ayurvihar	Mumbai
2003	K J Somaiya Centre for Studies in Jainism	Vidyavihar	Mumbai
2004	K J Somaiya English Medium School	Sameerwadi	Bagalkot - Karnataka
2010	Somaiya Research Innovation Incubation Design Labs (riidl)	Vidyavihar	Mumbai
2011	K J Somaiya School of Nursing	Ayurvihar	Mumbai
2012	The Somaiya School	Vidyavihar	Mumbai
2014	Somaiya Centre for Experiential Learning	Vidyavihar	Mumbai
2015	Somaiya School of Music	Vidyavihar	Mumbai
2015	Somaiya Bio-Research Innovation Incubation Design Labs (Bio-riidl)	Vidyavihar	Mumbai
2016	Somaiya Sports Academy	Vidyavihar	Mumbai
2016	Jetavan	Sakarwadi	Shirdi - Ahmednagar
2018	Somaiya Initiatives for Research & Consultancy (SIRAC)	Vidyavihar	Mumbai

Contact Persons

Enquiry Desk	**022 - 4444 4444**
Dr. (Mrs.) Harsha Mishra	**9920172115**

(For First Year and Direct Second Year Admissions)

Mr. Sanjiv Badhe	**9967389458**

(For First Year Admissions)

Mr. Kirtikumar Patel	**9769534232**

(For Direct Second Year - DSE Admissions)

Dr. Hariram Chavan	**9224665607**

(For PG Admissions)

Ms. Kavita Kadam	**9833485711**

(General Enquiry)

Email : enquiry.tech@somaiya.edu

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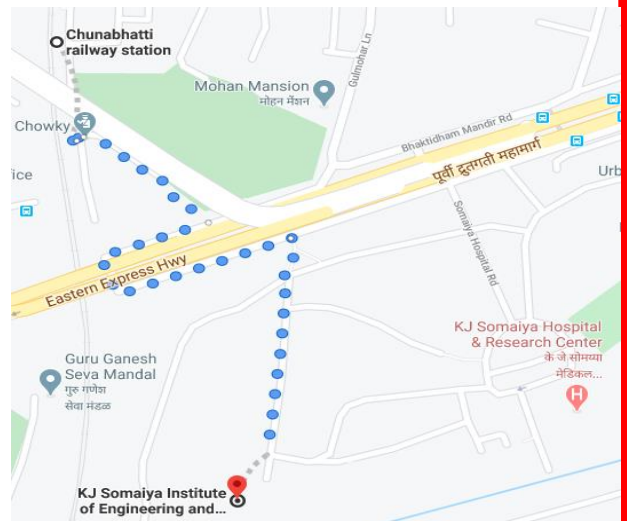https://www.linkedin.com/in/kjsieit
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K. J. Somaiya Institute of Technology

Somaiya Ayurvihar Complex, Eastern Express Highway, Near Everard Nagar,
Sion (East), Mumbai – 400 022
Tel : 022-44444403, 022-44444400