



SARASWATI
EDUCATION SOCIETY'S
**SARASWATI COLLEGE
OF ENGINEERING**

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Saraswati Education Society's
SARASWATI
College of Engineering

PROSPECTUS

"Perfection is achieved, not when there is nothing more
to add, but when there is nothing left to take away."



SARASWATI COLLEGE OF ENGINEERING

VISION

- To be universally accepted as autonomous center of learning in engineering education and research.

MISSION

- To educate students to become responsible and quality technocrats to fulfill society and industry needs.
- To nurture student's creativity and skills for taking up challenges in all facets of life.

BOARD OF GOVERNORS

| | | | |
|---|---|---------------------------------|--|
| HON. PRITHVIRAJ DESHMUKH Chairman, SES | MRS. VRUSHALI P. DESHMUKH Secretary, SES | MR. RAVIRAJ DESHMUKH Trustee | DR. MANJUSHA DESHMUKH Principal, SCOE |
| DR. SHEETAL BUKKAWAR Professor | PROF. ROSHNI JOHN Associate Professor | MR. UDAYSINGH SHINDE Member | MR. AMAR SHINDE Registrar, SES |
| DR. AJIT SINGH AICTE RO | DTE Nominee | University Nominee | |





ABOUT SARASWATI COLLEGE OF ENGINEERING

Saraswati College of Engineering, Kharghar, was established in 2004, affiliated to University of Mumbai, approved by AICTE and recognized by Government of Maharashtra. SCOE is one of the top Engineering colleges in Mumbai accredited by NAAC. SCOE has built its reputation with dedicated goal of adding value of life and professional standards. The college has enrolment of about 2600+ students. SCOE is known for its infrastructure, job oriented training programs, rigorous academics and student extracurricular activities. There is remarkable transformation of young student into an "All-round future ready Engineer" who is ready to face new challenges.

COURSE INTAKE CAPACITY

| COURSE DETAILS | INTAKE | SR.NO. | COURSE DETAILS | INTAKE |
|--|--------|--------|--|--------|
| Automobile Engineering | 60 | 02 | Civil Engineering | 180 |
| Mechanical Engineering | 120 | 04 | Computer Engineering | 60 |
| Information Technology | 60 | 06 | Computer Science & Engineering (Artificial Intelligence and Machine Learning) | 60 |
| Computer Science & Engineering (Data Science) | 60 | 08 | Masters in Civil Engineering (Structural Engineering) | 18 |





Mr. Prithviraj Deshmukh
Chairman, Saraswati
Education Society

STANDING ON THE SHOULDER

Saraswati College of Engineering was established with the objective of developing a center of professional learning with a distinct identity and character. It aims to impart education and training to make youth India to achieve academic excellence and thereby ensures a challenging and satisfying career for the students on the successful completion of their degree. We are very proud of our intellectual capital- the team of highly qualified faculty who whole heartedly work towards holistic development of our students.

We wish our students all the best to excel in and emerge as leaders and innovators in their chosen lines of profession.



Mrs. Vrushali P. Deshmukh
(Secretary,SES)

LEADING FROM THE FRONT

The rapid development in the field of technology has accelerated the demand for value based engineering education which is qualitative, progressive, multidimensional and globally competitive. We give the students an ideal learning environment through interactive class-room teaching, tutorials, lab practicals, industrial visits and lectures by industry experts for the industrial exposure of students.

Persistent efforts are being made by our placement team to place our students in encouraging and respectable positions in the industry. We firmly believe that support, guidance and assistance given to the students at pre-placement stage prove immensely helpful to them in getting a job.

It is in fact a matter of great pride for us that the leading corporate houses and industrial set-ups have always looked towards SCOE for quality manpower and have repeatedly visited the campus to recruit our students. With best wishes to our students.



INTERNATIONAL INDUSTRY VISIT TO DUBAI

INDUSTRIAL VISIT





NSS
NOT ME BUT YOU



YOGA



Dr. Manjusha Deshmukh
PRINCIPAL

(Ph.D. (Sociology), M.E. (Electronics), M.A. (Hons. in Marketing))

AT THE HELM

At SCOE, we encourage our students in the path of academic excellence. We continuously strive to instill in our students skills and traits such as critical thinking and application, a moral bent of mind, a disciplined work ethic, and most importantly, the responsibility to societal needs. Our dream is SCOE should play a definitive role in shaping the career of tomorrow's leaders.

Looking to our track records, SCOE has achieved many feathers in terms of good results, placements and extracurricular activities too. This journey is succeeding more glorious year after year making engineers rule the world.

We very much look forward to welcome you as our students in your expedition for lifelong learning.

BRIGHTEST MINDS TO MENTOR THE BEST BRAINS



Dr. Sunil Rangari
Dean Academic



Prof. Vaishali Jadhav
Dean Student Welfare and Development



Dr. Sheetal Bhatnagar
Dean Administrative and Student Welfare



Dr. Madan Jadhav
Dean Sports and Physical Education



Dr. Saumya Singh
Head Records and Quality Assurance



Prof. T.K. Quazi
Automobile Engineering



Prof. Nishu Jadhav
ECE



Prof. Pooja Anand
Civil Engineering



Prof. Anil Jadhav
Mechanical Engineering



Prof. D. Bhatnagar
Mechanical Engineering



Prof. Sujata Bharambhakar
Computer Engineering



Prof. Nishi Bharambhakar
Information Technology



Prof. Shradha Subhedar
CSE



Prof. Sayali Chaudhari
IT



Features

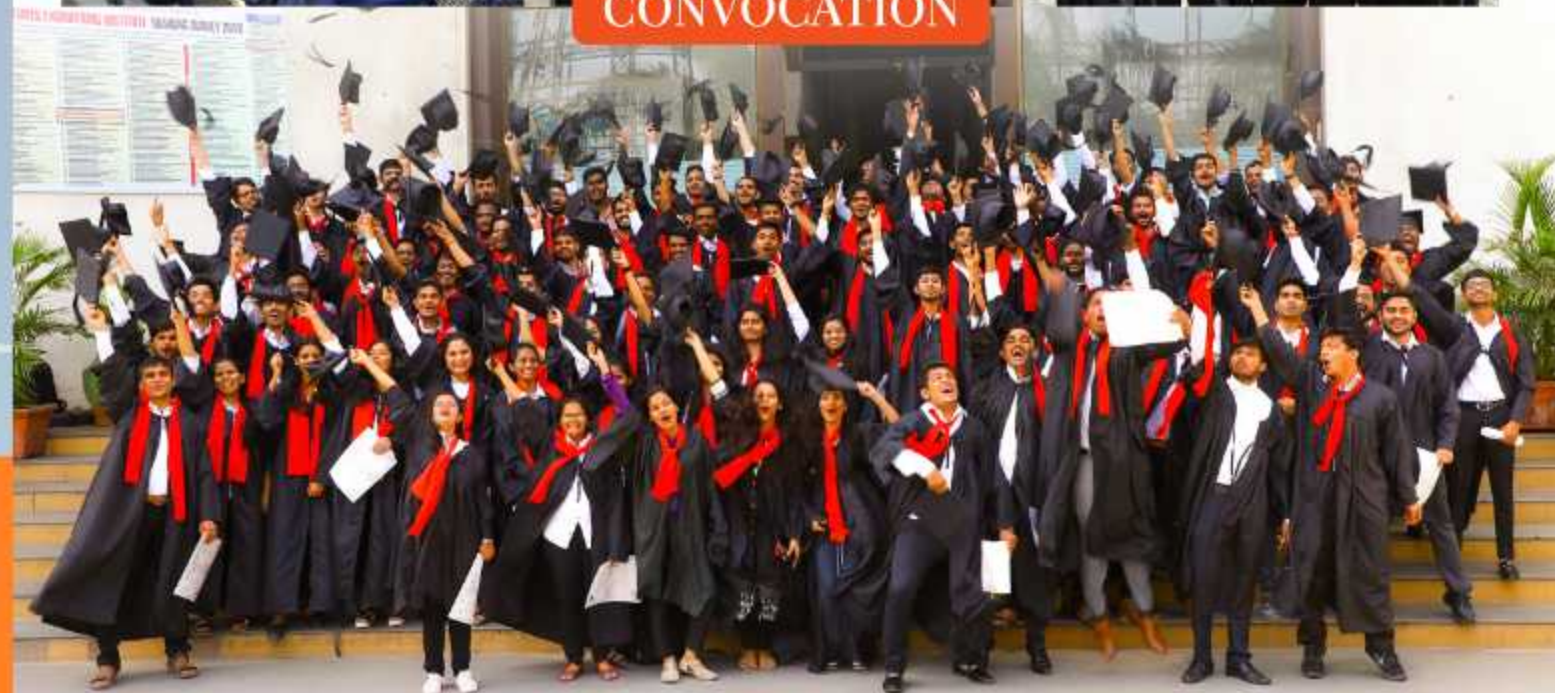
- ▲ NAAC Accreditation.
- ▲ Award of Best Institute, Best Principal, Best HOD, Best faculty, Best Students project, Best research Project
- ▲ Times of India engineering Institute 2022 Survey: 77th rank and 70th in private institute Campus
- ▲ Training Placement & Career Guidance Cell with 100% Placement Assistance
- ▲ Scholarship and Educational loan facility
- ▲ IIT Bombay remote center and NPTEL Center
- ▲ Study abroad cell and Collaboration with foreign universities
- ▲ Bus facility (Pick & Drop) from Campus to Kharghar station
- ▲ Well Equipped Laboratories for Project Based Learning approach
- ▲ World Class Auditorium, Students Amenities Center
- ▲ Gymnasium and Cafeteria
- ▲ Internet facility with free WI-FI Enabled Campus
- ▲ Research funded projects and patents.
- ▲ Entrepreneur's Network Cell (EN Cell)
- ▲ Social Awareness through National Service Schemes (NSS)
- ▲ Extracurricular and technical activities



STUDENTS COUNCIL



CONVOCATION





INDEPENDENCE DAY

Scholarships

- ▶ 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 to EBC category at the time of admission.
- ▶ Students belonging to Muslim / Christen / Buddhist / Sikh / Parsi Community can apply for the "Merit-Cum" means Based Scholarship Schemes of government of India .
- ▶ The eligibility criterion ,procedure for application ,application proforma and scheme details are available on www.dte.org.in and <http://minorityaffairs.gov.in>.
- ▶ Concession for sons and daughters of teaching and non teaching staff of primary, secondary and higher secondary schools.
- ▶ Concession in free for Backward Class Category candidates (belonging to Maharashtra state only) in unaided Private Institutes. For SC/ST/VJ/NT (A)/NT(B)/NT(C)/NT(D)/SBC/OBC Category candidates.
- ▶ The schemes /mode of concessions schemes of loan scholarship (if any) for eligible SC/ST/VJ DT/(A)/NT(B)/NT(C)/NT(D)/SB-C/OBC Category candidates, in tuition & other fees in the Un-Aided Institutions will be announced by the state Government.
- ▶ Tuition Fee Waiver /Scheme Sons and Daughters of parent having annual income of less than Rs 8 Lakhs from all the sources shall only be.

** Full Fees to be paid at the time of admission. If you fail to pay on time, Late fees is applicable.



Our Aim **PLACEMENT** for All Training **Placement** & Career **Guidance** Cell



- ▲ To create awareness among the students regarding future career options.
- ▲ To provide requisite guidance, training, and practice sessions to every student as per their future career interest.
- ▲ 100% Assistance for Placement.
- ▲ To Enhance Student's Communication Skills through "Soft Skills and Personality development" Courses.
- ▲ To Organize Training Programs, Workshops, Seminars, Guest Lectures, Industrial Visit, certification courses, internship programs for upgrading student's technical skill set to meet corporate expectations.
- ▲ To Prepare students for placement - Conduct regular Aptitude and Technical Practice sessions. Arrange Group Discussion and HR interview-mocks through professional trainers.
- ▲ More than 100 Companies visit the college for campus placement every year.
- ▲ Provide guidance to clear UPSC, MPSC, GRE, GMAT, CAT and GATE Exams.





INTERNATIONAL AND NATIONAL COLLABORATIONS

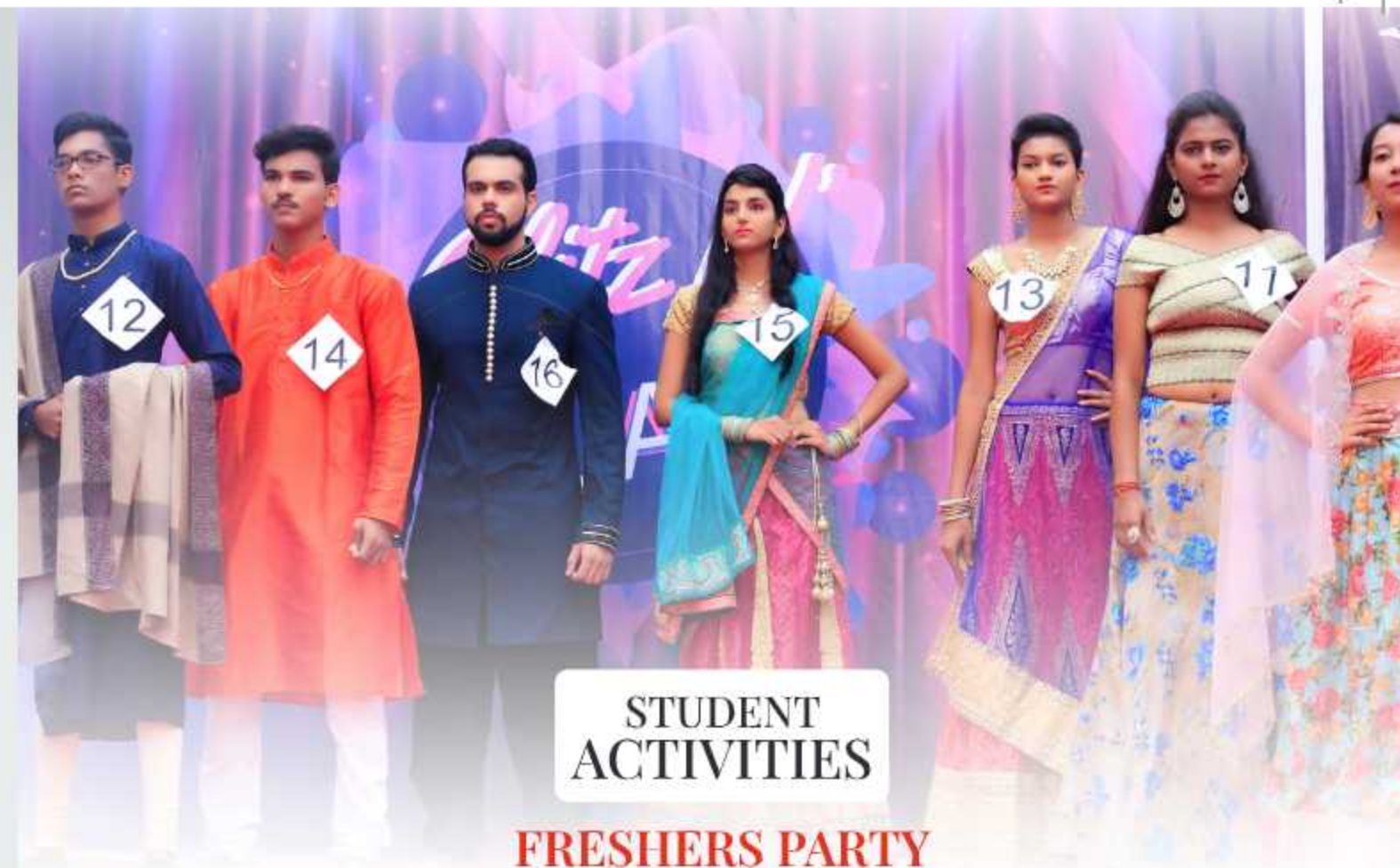
International Academic & Research Collaboration

- Ural Federal University, Russia
- AIMST University, Malaysia
- France International Graduate School, France
- University of Canberra, Australia
- Curtin University, Australia
- Estonian Entrepreneurship University for Applied Sciences, Estonia
- Western Sydney University, Australia
- Huawei Software Technology, China
- PFH University, Germany
- Imperium International College, Malaysia
- "N+i" Network, France
- Biz4d, Germany



National Academic & Research Collaboration

- Indian Institute of Technology, Bombay
- Baba Atomic Research Centre, Mumbai
- Centre Of Excellence in Maritime and Shipbuilding CEMS India
- Reliance Jio, India
- The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)
- Society of Automotive Engineers, India
- Indian Society For Technical Education, India
- STM Journals, Delhi
- Indian Welding Society, Tiruchirappalli
- Centre for Invention, Innovation and Incubation, Kharghar



STUDENT ACTIVITIES

NAKSHTRA ANNUAL FEST



AWARDS & ACCOLADES

The institute is a recipient of various awards by recognized organizations like Computer society of India (CSI) and Institute for Exploring Advancers in Engineering (IEAE).



RESEARCH AND DEVELOPMENT (R & D)

The Research promotion scheme of SCOE aims to nurture research culture amongst the students and faculty by providing an environment conducive for research where faculty and students continuously update their knowledge. The R & D cell of SCOE provides necessary infrastructure to conduct research projects in thrust areas of Science and Engineering.

Up till now, institute has received several research grants from reputed organizations like Board of Research in Nuclear Sciences (BRNS), the Institution of Engineers (IEI) and University of Mumbai (UOM) etc. The Institute also has many patents in its credit.



STUDENT ACTIVITIES



NAKSHATRA ANNUAL FEST



STUDENT ACTIVITIES



RIDE FOR PRIDE 
SUPERBIKE EXHIBITION



ENTREPRENEURSHIP DEVELOPMENT CELL

for Innovation and Incubation (EDCII)

SCOE EDCII stands for young aspiring entrepreneurs who are passionate about business development. The EDCII provides the mentoring and infrastructural support for the entrepreneurship project. Some of our entrepreneurship projects are, Aquaponic farming, Urban Mushroom farming, Biodegradable packaging, Resin furniture, Electric vehicle etc.



LIBRARY

Central Library of Saraswati College of Engineering was established in 2004. The library is semi computerized from its inception. A wide variety of text books, Hand-books and national & International journals are available in the reference section. Library provide OPAC internet Reprographic, & CD-ROM to all users. E-journals facility also available providing competitive edge to the students and staff.

Library is the temple of learning as observed by our elders. Reading Referring and Researching make a person more knowledgeable. The college library offers a wide range of learning resources.



MECHANICAL ENGINEERING

The Department is continuously striving to achieve excellence in education, academic and industry oriented research to prepare the manpower that are globally competitive and capable of leading in industry, academia and government organizations in both India and abroad. The department encourages technical activities through professional students chapters like ISHRAE, team PRAHAR and team Go Kart.



COMPUTER SCIENCE AND ENGINEERING (Data Science)

Computer Science and Engineering with the Data Science course, focuses on data analysis, identifying business trends, and extracting valuable insights from vast amounts of data to make critical business decisions and drive significant business growth. Our aim is to produce graduates who are well versed in the science of data and have enough knowledge and the skill set to address all aspects of data science.



Auditorium

6000sq.feet auditorium has a capacity of 310 seats. Drop down Screens, Audio video system wall hanging projector, walls with acoustic treatment, WIFI connectivity are some of the facilities been provided in auditorium. The audio system enables two way communications between participants and speaker.

This audio system enables two way communications between participants and speaker. This facility trains our students to participate in seminars and conferences effectively with confidence and has become a preferred venue for several seminars.



GYMNASIUM

“Healthy youths are the greatest asset any country can have” has been the mantra of success for many years. SCOE understands the importance of this and has provided a state of the art gymnasium with treadmills, power cycles and other equipments for its students and staff.

The indoor sports room is also provided with Table Tennis, Carom Boards, Chess, Badminton and other games to give the students a much needed break from rigorous of academics.



DEPARTMENT OF INFORMATION TECHNOLOGY

The motive of Information Technology Department is to provide quality education to students and to develop their technical and managerial skills through various technical activities. Department of Information Technology has maintained an excellent record in results and placements of its students. Our students have got great opportunities in various companies.



COMPUTER SCIENCE & ENGINEERING (Artificial Intelligence and Machine Learning)

Computer Science (Artificial Intelligence and Machine Learning) Department gives best opportunities for students to empower & creates a vibrant knowledge-based environment which motivates students to explore new ideas and perform better in academics and get trained on latest trends and demands of industry. AI and ML have ample of opportunities in Healthcare, Private/Public sector, Education, Government, Agriculture.



AUTOMOBILE ENGINEERING DEPARTMENT

Department of Automobile Engineering has vision to give students a broad exposure in design, development and testing of automobiles. It also emphasis on emerging latest trends and development in the field of automobile engineering.

The department has student chapters SAE and RACE that involve students in the management of an automotive project as well as motor racing competition like Baja/Supra, Go Kart and Electric Vehicles.



CIVIL ENGINEERING DEPARTMENT

Civil Engineering Department has a vision to create technically competent Civil Engineers by imparting excellent academics with practical exposure through site visits and internships. The department insists to provide students with a good understanding of Civil Engineering solutions in a global, societal and environmental context, consistent with the principles of sustainable development. The department is actively involved in consultancy services in the area of Material Testing and Design.



COMPUTER ENGINEERING DEPARTMENT

Department of Computer Science & Engineering at the SCOE has been at the forefront of churning out software engineers with a high caliber of technical expertise. It continues to foster and engender the innovation and breadth of vision necessary to excel in the blooming software industry. Besides imparting theoretical knowledge, a lot of stress is laid on hands-on training and overall development of the individual's personality.

