**Governing Council**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>01</td>
<td>Prof. M. N. Navale</td>
<td>Chairman</td>
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<tr>
<td>02</td>
<td>Dr. Mrs. Sunanda M. Navale</td>
<td>Member</td>
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<td>03</td>
<td>Mr. Rohit M. Navale</td>
<td>Member</td>
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<tr>
<td>04</td>
<td>Mrs. Rachana Navale Ashitekar</td>
<td>Member</td>
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<td>05</td>
<td>Dr. Arvind V. Deshpande</td>
<td>Member</td>
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<td>06</td>
<td>Prof. Murlidhar G. Bhat</td>
<td>Member</td>
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<tr>
<td>07</td>
<td>Chairman/Nominee, AICTE</td>
<td>Member, (Ex-Officio)</td>
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<td>08</td>
<td>Western Regional Officer of AICTE/Nominee</td>
<td>Member, (Ex-Officio)</td>
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<td>09</td>
<td>Nominee of Govt. of Maharashtra</td>
<td>Member</td>
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<td>10</td>
<td>Director of Technical Education, Maharashtra</td>
<td>Member, (Ex-Officio)</td>
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<tr>
<td>11</td>
<td>Nominee, Savitribai Phule Pune University</td>
<td>Member</td>
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<tr>
<td>12</td>
<td>Dr. Vijay M. Wadhai</td>
<td>Principal, SAE</td>
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**VISION**

We are committed to produce not only good engineers but good human beings also.

**MISSION**

Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant society.

**Institutional Highlights:**

- Department of Electronics & Telecommunication Engineering and Mechanical Engineering are approved by Savitribai Phule Pune University as Ph. D. Research Centers.
- 31 patents have been filed and published by staff and students in last 2 years.
- College has received R & D grants worth Rs. 1 crore approximately.
- 73 industries have signed MOUs under Industry Institute Interaction Cell (IIIC) for student projects, R & D and consultancy.
- “SUPRA” team participated in National Competition Virtual SUPRA SAE INDIA 2015 at Vel Tech University, Chennai and stood FIRST among 167 teams from all over India.
- Team NEXUS RACING won many prizes in GO KARTING National Competitions like SKIDPAD NATIONAL KART RACING, STUDENT KARTING CHAMPIONSHIP, TRINITY KARTING TROPHY etc with total cash prize of Rs. 1,40,000/-.
- TEAM FORZA RACING (BAJA), TEAM VAMOS AUTOCROSS (SUPRA), TEAM ARIHANT (QUAD TORC), TEAM AUTO MACHEN (Go-KART) won many prizes in National Competitions like ENDURANCE Race (BSI), SUPRA SAE-INDIA, etc with total cash prize of Rs. 5,90,000/-
- The college magazine “MOSAIC” has won The Best Magazine Award for the last 5 consecutive years at the University level.
- Students participated and received many awards in various competitions like “Sinhagad Karandak”, “Firody Karandak”, “Purushottam Karandak”, “Raj Karandak”, “Vinodottam Karandak”, “Suman Karandak”
- STES has signed MOU with Mersion to enable collaboration with Columbia University, Cornell University, Kingston University, Hong Kong University etc. to conduct courses for students and enhance their academic potential and standing.
- The college received prestigious “Centre of Excellence for Corporate Employability” award from HR Club, Mumbai in 2015.
- Principal, Dr. V. M. Wadhai have been invited as keynote speaker in 10th IEEE Conference on Applications of Information & Communication Technologies (AICT 2016) at Baku, Azerbaijan.
- Principal, Dr. V.M. Wadhai received Indira Gandhi Gold Medal Award for outstanding individual achievements & distinguished services in engineering & research in 2015 by Global Economic Progress & Research Association.
Education is not mere accumulation of facts; it is preparation of life itself. Education and knowledge are two important aspects which always take the students higher and higher. A blend of wisdom and ethics develops the personality of the students, moulds their character and develops their skills which help them cope up with problems and challenges of the complex world of today. The aim of Sinhgad Institutes is not only to make the students successful in life, but also make them conscious of their duties and responsibilities towards their fellow citizens.

Established in the year 1993, Sinhgad Institutes offers quality education from pre – primary to Doctorate. From a humble beginning the Institute has sprawled to a large expanse. At Sinhgad Institutes you will experience the ambience of a place where students are always striving for excellence. The students always continue to scale new heights of achievement in manifesting talent and winning laurels.

You will find a wealth of learning opportunities here that would serve as an essential stepping stone to a fulfilling life and career.

Prof. M. N. Navale
Founder President, Sinhgad Institutes

The world is fast converting to a knowledge economy where the only wealth is information. Information that will lead you towards the direction of success. At Sinhgad Institutes the sky is the limit in the pursuit of excellence. Here, we aim to promote a system of integral education in a student friendly environment. We believe that our assets are our students and we enable them to soar high, morally, socially and spiritually. We believe that our students need to learn that the secret of success and contentment lies in discovering one’s own strengths as well as limitations. The students are groomed into a complete individual with a quality of leadership in them.

We emphasize on sports, cultural activities and extracurricular activities. This helps the students enhance their personality and progress laterally.

**We build a bright future at Sinhgad Institutes!**

**Dr. (Mrs.) Sunanda M. Navale**
Founder Secretary, Sinhgad Institutes

Sinhgad Institutes is a herald in recognizing the needs of the industry and meeting the requirements by developing human capital equipped with knowledge, skills and values essential for good performance. It integrates knowledge with professional inputs from industry and orients the students with qualitative theoretical knowledge that enables them to use in practical situations.

The faculty of Sinhgad Institutes strives to keep pace with the changing trends in academics and industry. We train our students to face the challenges at global context. Our aim is to impart knowledge and enhance professional skills which enable the students of different backgrounds to achieve their educational goals and develop their overall personalities to become effective global leaders.

Sinhgad Institutes takes pride in its faculty, students and alumni who have proven their mettle at the frontiers of knowledge and creativity across the spectrum of academic and professional activities by engaging in research and community services.

We welcome you to experience the difference.

Mr. Rohit M. Navale
Vice-President (HR), Sinhgad Institutes

Mrs. Rachana Navale Ashtekar
Vice-President (Admin), Sinhgad Institutes

As an educational institute we have always prided ourselves on our cutting edge approach to education. We believe that education has to keep pace with the world and today when the world can change at a moment's notice, we have managed to keep our students at par with the best in the world. Extraordinary education extends the biggest service to the individual, to the nation and to the humanity at large. With students fired with the spark of determination to excel, a competent and dedicated faculty here, leaves no stone unturned. Everybody is geared towards ensuring best practices, and that is definitely the case at Sinhgad Institutes. We have a tie up with Harvard and have followed their case study based pedagogy. Thus, our approach to education has always been aimed at involving the students in academics through interactions. We have the best technology in place for ensuring that our students do not miss out on anything. And our faculty is the engine that keeps the institution running with its ceaseless efforts and constant innovation.

We inculcate the best of creative and technical skills and teach the students indispensable human qualities.
Pune is the seventh largest metropolis in India and the second largest in the state of Maharashtra. It is situated 560 meters above sea level on the Deccan plateau at the right bank of the Mutha river. Pune is known to have existed as a town since 847 AD. It was the first capital of the Maratha Empire under Chhatrapati Shivaji Raje Bhosale. In the 18th century, Pune became the political centre of Indian subcontinent, as the seat of Peshwas who were the prime ministers of the Maratha Empire. Marathi is the official and most widely spoken language, while Hindi and English are understood and spoken widely.

The campus at Kondhwa spreads across a well maintained expanse of 21 ACRES. Being Sinhgad Institutes' campus at the boundary of the Pune city, it has become an attraction for students from fast developing outskirts of the city. This campus has now become one of the major educational hubs in south east part of Pune city. The institutes include Engineering College, Pharmacy College, Management Institute, Commerce & Science College, School & Junior College.

The campus has independent spacious buildings for various institutions, along with all other resources & facilities. A pollution free environment where the students breathe fresh air and play on spacious play fields. The entire enchanting atmosphere is conductive to the overall development of the students.

Pune is the seventh largest metropolis in India and the second largest in the state of Maharashtra. It is situated 560 meters above sea level on the Deccan plateau at the right bank of the Mutha river. Pune is known to have existed as a town since 847 AD. It was the first capital of the Maratha Empire under Chhatrapati Shivaji Raje Bhosale. In the 18th century, Pune became the political centre of Indian subcontinent, as the seat of Peshwas who were the prime ministers of the Maratha Empire. Marathi is the official and most widely spoken language, while Hindi and English are understood and spoken widely.

KONDHWA (BK) CAMPUS

- 65 Institutes
- 26 Schools
- 12 Research Centers
- 2000+ Computer Facilities
- 500+ Funded Projects
- 200+ Companies for Placement

22 YEARS

PROGRAMS OFFERED

UNDER GRADUATE
1. Mechanical Engineering
2. Electronics & Telecommunication Engg.
3. Computer Engineering
4. Civil Engineering
5. Information Technology

POST GRADUATE
1. Mechanical Engineering (Automotive Engineering)
2. Mechanical Engineering (Design Engineering)
3. Electronics & Telecommunication (VLSI & Embedded Systems)
4. Electronics (Digital Systems)
5. Computer Engineering

DOCTORAL
1. Mechanical Engineering
2. Electronics & Telecommunication

ADMISSION PROCEDURE

(For First & Direct Second Year Engineering)

- Online Registration of Application Form
- Document Verification, Updating and Confirmation of Application Form at Facilitation Center (FC)
- Display of Final Merit List of candidates
- Display of Allotment of CAP Rounds
- Reporting to ARC for CAP Rounds by Producing Original Documents for Verification and Pay Seat Acceptance fee in the form of DD
- Reporting to the Allotted Institute and Confirmation of Admission by Submitting the Required Documents and Paying Remaining Fees

Visit www.dtemaharashtra.gov.in for eligibility criterion & admission procedure.
Dear Students,

It gives me a great pleasure to put forth a brief about aims, objectives, environment, infrastructure facilities in campus and strengths of faculty of Sinhgad Academy of Engineering.

In the pursuit of the academic excellence the quality teaching & learning process are established. The key focus is maintained on all round personality development of individual students. The discipline and joy at work culture is observed in campus. The conducive healthy learning environment, high academics quality, holistic development of students are the special attractions of this institution.

A well-planned beautifully developed and neatly maintained campus provides all the required facilities to students during their stay in this institution. Highly qualified and experienced teaching faculty enriches the knowledge base of the students with full dedication and commitment. Institute has excellent library facilities along with spacious reading hall which is open for students 24×7. Through 'Teacher Guardian' and 'Mentor' Schemes students are counseled for academic as well as their personal problems and motivates them for achieving excellence in academic and professional careers. They are encouraged to keenly participate in Curricular, co-curricular and extra-curricular activities to shape them for future work.

Institute has full-fledged training and placement department and sufficient efforts are made to enhance employability as a result students are rewarded by getting good job offers even before the final year results. Because of excellent result in University examination and excellent placements students from nearby cities as well as other states of India are opting this institute to undergo quality education.

Wishing you all the success and bright future!

Dr. Vijay M. Wadhai
Principal

SINHGAD ACADEMY OF ENGINEERING (SAE)
The institute has 6 departments, 5 UG programmes with sanctioned intake of 780; 5 PG programmes with sanctioned intake of 102 and 2 Ph.D. Programme. Total number of students on roll is more than 3700 with 160 faculty on roll. The institute is spread over 5 acres of land with 2 specious buildings with adequate workshops and drawing halls. The total investment on laboratory equipment is more than 7 crores. On the research front, the faculty has published more than 1000 research publications in various reputed journals and conferences and 31 patents.
DEPARTMENTS
Mechanical Engineering is one of the basic branches of engineering, having major core areas like Automobiles, Power Generation, Manufacturing, Aircraft and Ship-building, Trains, War Machinery, etc. No equipment or system can be manufactured / produced without the knowledge and assistance of mechanical engineering and hence the demand of mechanical engineers is ever growing in the market.

Our department has been accredited by National Board of Accreditation (NBA), New Delhi. We have a very strong team of experienced and qualified faculty members, who are devoted and highly motivated to not only teach academics but to groom the students for all-round development. For the benefit of the students, the department organizes large number of co-curricular and extra-curricular activities such as industrial visits, project competitions, design & poster competitions, technical paper presentations, guest lectures on latest happenings, soft skills & personality development, aptitude tests, mock interviews, games and sports competitions, entertainment activities, art exhibitions, etc.

Laboratories are not only well-equipped with experimental set-ups as per curriculum requirement but also have many additional projects, created both by students and faculty members to give the exposure to students with latest happenings beyond syllabi. CAD & CAM/Automation labs are equipped with high-end hardware and software like Hyperworks, Abaqus, ProE, Catia, CAD, Automation Studio, MSC, MatLab and other general purpose software. Automation lab also has CNC lathe trainer along with simulation software.

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<th>IC ENGINES &amp; AUTOMOBILE</th>
<th>METALLURGY</th>
<th>BASIC MECHANICAL ENGG.</th>
<th>FLUID MACHINERY</th>
<th>APPLIED THERMODYNAMICS</th>
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<tr>
<td>STRENGTH OF MATERIAL</td>
<td>CAD</td>
<td>PRECISION ENGINEERING</td>
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<td>CAD/CAM</td>
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<td>REFRIGERATION &amp; AIR CONDITIONING</td>
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<td>FLUID MECHANICS</td>
<td>MECHATRONICS</td>
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<td>HEAT TRANSFER</td>
<td>RESEARCH &amp; DEVELOPMENT</td>
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<td>LABORATORIES</td>
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<th>42</th>
<th>353</th>
<th>52</th>
<th>168</th>
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<tbody>
<tr>
<td>Faculty members in this department have</td>
<td>Total teaching experience</td>
<td>Years of total industry experience</td>
<td>Faculty Publications</td>
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Achievements

- **TEAM FORZA RACING (BAJA)**
  A) 1st Winner (BSI)  B) 1st ENDURANCE Race (BSI)  C) 1st SAFEST VEHICLE (BSI)  D) 3rd in BUSINESS PRESENTATION (BSI)  E) 1st ENDURANCE (SAI INDIA)  F) SAFEST VEHICLE (SAI INDIA) Total Prize Rs. 1,85,000/-

- **TEAM VAMOS AUTOCROSS (SUPRA)**
  A) 1st C4E  B) 2nd ACCELERATION (SUPRA SAE INDIA) Total Prize - Rs. 50,000/-

- **TEAM ARHANT (QUAD TORC)**
  QUAD TORC team won the following prizes:
  A) 1st OVERALL (Champion)  B) 1st ENDURANCE (Race), Total Prize - 1,90,000/-

- **Team Nexus (Go-KART)**
  1) A) 3rd OVERALL  B) 1st IN DESIGN  C) 1st IN C4E D) 1st IN SKIDPAD NATIONAL KART RACING CHAMPIONSHIP Total Prize - Rs. 75,000/-
  2) A) 2nd IN DESIGN  B) 1st IN ACCELERATION (Rs. 8000/-) STUDENT KARTING CHAMPIONSHIP
  3) A) 2nd IN DESIGN  B) BEST DRIVER RUNNER UP (Rs. 20,000/-) TRINITY KARTING TROPHY
  4) A) 1st Break Test  B) 1st Autocross  C) 1st Endurance  D) 1st Time Trial  E) 2nd Overall (Total Prize Rs. 37,000/-)

- **TEAM AUTO MACHEN (Go-KART)**
  A) 1st RUNNER UP  B) 1st IN ACCELERATION (Total Prize - Rs. 1,65,000/-)

- **TEAM VAMOS AUTOCROSS (SUPRA)** has qualified for international competition (September 2016) Student Formula Japan among the 438 teams across the world.
DEPARTMENT OF COMPUTER ENGINEERING

In today’s generation computer engineers embed computers in other machines and systems, build networks to transfer data, and develop ways to make computers faster, smaller, and more capable. Computer engineers are improving the ability of computers to "see" and "think." They are making computers more mobile, and even incorporating computers into fabrics, clothes, and building materials. Thus there is a budding requirement for Computer Engineers all over the world and the computer department in Sinhgad Academy of Engineering fruitfully prepares students to handle challenges in their professional life.

Our aim is to produce competent engineers imbued with the spirit of professionalism and responsible citizenship, who can provide solutions to the 21st century problems. For this, we have dedicated and highly motivated staff, which organizes training programs, workshops, conferences for the faculty and the students, besides their regular academic activities. Laboratories are not only well equipped with experimental set-ups as per curriculum requirement but also have many additional projects, created both by students and faculty members to give the exposure to students with latest happenings beyond syllabi.

The Department is well-known for its outstanding results and placements not only in the undergraduate department but also in the post graduate department.

Achievements

- Department of Computer Engineering having research and development laboratory with all kind of required software.
- In the department, there are total 11 laboratories with high end machines.
- There are more than 350 publications by the department faculty.
- Total research grant received is Rs: 12,15,000/-
- The computer engineering department having Memorandum of Understanding with eight companies to increase industry-institute interaction activity.
- There are five faculties doing their research in different domains.
- Students of computer engineering having good placement from different companies. This year most of the students got highest package of five lac per annum.

LABORATORIES IN THIS DEPARTMENT

- SDT LAB
- PROJECT LAB
- PROGRAMMING LAB
- SOFTWARE LAB
- NETWORK LAB
- INFORMATION SYSTEM LAB
- MULTIMEDIA LAB
- DATABASE LAB
- PC LAB
- RESEARCH LAB
- HARDWARE LAB
IT deals with the use of electronic computers and computer software to convert, store, protect, process, transmit, and securely retrieve information. India in recent years has made tremendous advancement in IT industry and has been the major source of revenue and employment. As such this branch of engineering plays major role in creating skilled human resource required by IT industry. The major strength of the department is its young, energetic faculty; all of them have completed their post graduations. Four faculties are pursuing their PhDs. The department has well equipped computing laboratories with all latest branded PCs, business class furniture, ambience and safety measures. The department is having close interaction with leading IT companies such as Infosys, Persistent, Cognizant and Zensar etc. for project sponsorship, faculty development and campus recruitment drive. The first batch passed out in the year 2009 and our placement has been excellent through central placement drive held by STES. Students are placed in companies like Infosys, Accenture, Cognizant, Tech Mahindra, Atos, I-nautix, TCS, Persistent etc. To develop the skills of students such as team building, leadership and organizational skill, communication skills, the department encourages the students to organize and participate in intercollegiate competition events, one of it is Techtonic, in which hundreds of students from various engineering colleges participate every year.

This era is known as age of information. As defined by the Information Technology Association of America (ITAA), Information Technology is “the study, design, development, implementation, support or management of computer based information systems, particularly software applications and computer hardware.” On behalf of IT department, I would like to congratulate the students who have taken admission to IT department for taking a right and important decision. Rest assured, the students will get high quality learning experience including soft skills for employability backed by value added course and student training program.

Major Achievements/ Activities
- MOU with 10 companies
- Shekhar Sutar secured 1st Prize, SPPU-Seed IT Idol-2014.
- Priyanka Sharma won 1st Prize and Nihar Suryawanshi won 2nd Prize in Inter- Collegiate level competition of Campus2Corporate 2014, National Contest on Employability Skills for Engineering Institutions U.B Schools.
- Jyoti Jain and Samartha Kumar obtained 2nd Prize in Microsoft V-Fest 2015, at Goa.
- 39 events such as guest lecture, workshops organized during past 3 academic years
- Industrial visits to Wipro systems at Hyderabad, Infosys at Mysore, BSNL etc.
- Training programs organized for NS2, Big Data & Hadoop, Perl, Python, digital forensics, cyber laws and forensics.

LABORATORIES IN THIS DEPARTMENT
- HARDWARE LAB
- PROGRAMMING LAB
- NETWORK LAB
- INFORMATION SYSTEM LAB
- MULTIMEDIA LAB
- RESEARCH LAB

13
Faculty members in this department have
140
Years of total teaching experience
20
Years of total industry experience
125
Faculty Publications

IT department of SAE is contributing significantly in terms of IT human resource generation by way of good academic track record, employability training and value added programs.

Mr. Paresh Degaonkar
Deputy Director, NASSCOM

Prof. A. N. Adapanawar
HOD
Electronics and Telecommunication Engineering is an important branch of Engineering. Particularly in globalization era, it has to play very important role of communicating with the world. ETTC, the combination of two major branches of engineering, Electronics and Telecommunication, is one of the largest and fastest growing sectors of the present industry. This branch of engineering help us to see, hear and communicate over vast distances, supervise production and manufacturing processes and oversee installation and maintenance of computers, peripherals and components. We work with equipments that use extremely small amounts of power. The role of the electronics engineer is pivotal in realms ranging from the toy industry to consumer electronics, from household articles to space/satellite communication from agricultural to automobile industry. The opportunities in the Electronics and Telecommunication Engineering are increasing rapidly because of initiatives like Start up India, Make in India and Stand up India. Huge investment in this sector is expected in coming years.

Department of Electronics and Telecommunication Engineering is accredited by National Board of Accreditation (NBA), New Delhi. The department has highly qualified, experienced and dedicated teaching and non teaching staff to help and support the student in developing a dynamic and leading E & TC engineer. Department has state-of-the-art laboratories namely; Communication, Embedded, Devices and Circuits, VLSI, DSP, Project, Power Electronics, Audio/Video, Basic Electronics etc. and PG labs. Our classrooms are equipped with modern teaching aids like LCD Projector, computer with Internet Connectivity. Computer labs are available with adequate no. of latest computers and advanced software. The department has tie up with industries and research institute to keep students updated with new happenings.

**Departmental Achievements**

- Department is accredited by National Board of Accreditation (NBA), New Delhi.
- 4 faculties Mrs. J. P. Shinde Mr. P. N. Shinde and Mr. R. P. Borse and Mrs. S. H. Rajput awarded Ph.D.
- Mr. M. M. Sardeshmukh , Mr. C. G. Patil and Mrs. R. K. Patil have completed their Ph.D.
- Published 14 patents by faculty.
- 6 Research project completed and 6 are ongoing total worth of Rs 54 Lac.
- Five projects are short listed for year 2016-18.
- Faculties have published more than 340 papers in International Conference and Journal.
- Aboli Phalke SE student secured 1st Rank in the VOVINAM event during the 4th World Martial Arts Festival held at Istanbul and Turkey and many students achieved First and Second Rank in various events.
21st Century will be identified in future by sophisticated infrastructural developments and public utilities. Civil engineering will be the prime engineering sector to shape this century by catering the utmost important infrastructural facilities to the human kind to take care of his dreams regarding housing, public health engineering, irrigation of agricultural lands, power generation, transportation through roads, rails, docs and harbors, airports, bridges, tunnels, infrastructural engineering, town planning and the green buildings through green technologies. To carve all these facets of sophistication in the living standards and comforts of human life and to keep pace with his high levels of expectations in his civil life, the role of civil engineers is the prominent and unique one. To meet with all these challenges and to build tomorrows India, the demand for civil engineers will be the ever largest than any other engineering sector of this era.

DEPARTMENT OF CIVIL ENGINEERING

Department of Civil Engineering is the youngest department of Sinhgad Academy of Engineering, Kondhwa. It was established in 2011. Department is equipped with all the infrastructural facilities as per university curriculum. The young, motivated, dedicated and qualified teaching staff is the core strength of the department. Research culture is nurtured in the department which is profoundly evident from the research publication and patents by the faculty members as well as from the students. Department of civil engineering is committed to provide value based education system for developing responsible civil engineers to serve the nation. Our faculties have published more than 60 international journal papers with 2 patents in Indian patent journal. Department of civil engineering is having student association called “Civil Engineering Students Association (CESA)” CESA has successfully organized curricular and co-curricular activities for students.

Recently civil department have signed MOUs with different companies. Various technical activities under the MOUs were successfully organized by civil department. We have conducted successfully various software trainings programmes such as Auto-Cad, Etaba, Staadpro, H5 project etc. to enhance software knowledge of the students. As per the requirement of industry we have organized one workshop on practical challenge in civil engineering for site exposure to the students in the field of civil engineering. Facilities are motivated to attend various STP workshop and training programme outside the institute to get maximum exposure. Recently one of the faculty member was called by “City University New York (CUNY)” for research forum on topic geopathic stress. One group of TE civil and BE civil engineering students has represented the college in the international conference & won the first prize for the research work.

Departmental Achievements

• Department have newly set up research Lab which is available for the student 24×7.
• Department have MOUs with 9 companies which includes Venus Technologies Pvt Ltd, CAD Center, HIT Software etc.
• Our final year students are contributing to engineering research and innovation by publishing their project work in well reputed national & international journals.
• Our students Pradeep Ingle, Ganesh Pradhan, Ayodhya Jadhav, Neelam Kawade and Bhagyashree Pawar along with our faculty Mr. D. W. Gawatre won the best paper award in the International Event.

I am really impressed with the faculty and infrastructure available at the institute. I wish the institute shall take all possible measures for all round development of students, as carried out presently. Personality improvement of students is the crux in order to make them as a perfect engineer and institute is pursuing the same.

- Mr. Pravin S Kolhe
Executive Engineer,
Water Resources Department,
Maharashtra

LABORATORIES IN THIS DEPARTMENT

• FLUID MECHANICS LAB
• GEOTECHNICAL ENGINEERING LAB
• CONCRETE TECHNOLOGY LAB
• STRENGTH OF MATERIAL LAB
• TRANSPORTATION LAB
• BASIC CIVIL & ENVIRONMENTAL ENGINEERING LAB
• ENGINEERING MECHANICS LAB
• SURVEYING LAB
• COMPUTER LAB
• GEOLOGY LAB
• ENVIRONMENTAL ENGINEERING LAB
• RESEARCH LAB
Department of Engineering Sciences was established in the year 2005, which comprises Mathematics, Physics, Chemistry and Electrical Engg. Sub-departments. This is the largest department in the college, where students’ intake is 780.

Based on a scientific approach to the fundamentals, department is always aggressive to impart and implement core ideas, basics and fundamental concepts among the students. The department strives hard to develop a sound and strong foundation in areas relevant to Engineering.

Department is committed to promote excellent teaching - learning environment. The team of staff members is very dynamic and promotes student related activities. Few of them are listed below:

- Teacher Guardian Scheme, in which a teacher acts as guardian for about 20 students to help them individually to cope up with the challenges and their personal problems.
- Monitoring Students’ Weekly Attendance, in which, students’ weekly attendance is updated and made available to students and their parents. For this, frequent communication with parents and students is carried out by using SMS and mailing facilities.
- Academic Excellence, for which faculty takes multidimensional efforts and students are required to appear for internal tests and preliminary examinations based on University pattern.
- Remedial Classes, in which special focus is given to slow learner students through extra classes, tutorials and special guidance/ counseling sessions.
- All Round Grooming, in which student-centric activities are arranged such as debates, general knowledge tests, robotics, oral presentation, model competition, seminars, projects, guest lectures etc.

The Engineering Science Department builds up the foothold of the students and provides interdisciplinary acquaintance of various branches and its subjects. The department laboratories are introduced with view to develop very basic scientific and communicative attitude and temper, in all the budding Engineers to lay the foundation stone for the future technocrats in the practice of their field.

The education imparted to the student is effectively carried out by the way of personal attention of the staff members in order to achieve its set aim and objectives. Similarly, the tutorials, class tests and extra-curricular activities are arranged for the student’s academic advancement. Engineering education has evolved over last few centuries to its present form. The 21st century vision envisages an agile educational system to provide quick response to changing market and social dynamics. We always make our students to inculcate these all perspectives in their mind so that they should mould and prepare themselves for wide variety of successful careers in both industry and academia.

Departmental Achievements

- Dr. Daljeet Kaur received the Best Faculty Award from STES-Cognizant Technologies from Kondhwa Campus in the year 2009-10.
- Dr. N. P. Dharmadhikari received Best Innovative Teacher Award from University of Pune in the year 2013-14.
- Ms. P. H. Pawar received the Best Teacher Award from FE department in the year 2015-16.

The following laboratories are introduced in the Department:

- Electrical Engineering Lab
- Physics Lab
- Chemistry Lab
- Civil Engineering Lab
- CAD/CAM Lab
- Electronics Engineering Lab
- FPL Lab
MoU’s

Students as well as faculty members from Engineering Institutes are benefitting from the MoUs signed by Sinhgad Institutes. Prominent amongst these are the MoUs with:

- ICT
- Greaves Cotton
- Thermax
- UCLA’s Henry Samueli School of Engineering and Applied Science
- CFP Asie
- ECTA, Rwanda
- Aalborg University
- BMS Solutions
- Intel
- Zensar
- Infosys
- Skilltree Knowledge Consortium
- TrueCopy

148 students are currently being trained by Microsoft certified experts on .NET. On completion, students will appear for Microsoft certification.

More than 2700 students have benefited from the MoU with ICT which has allowed them to participate in IIT Mumbai’s certification course in Java/ Python/C++/LaTeX.

MoU with Intel for setting up of intelligence lab and training students on embedded systems.

MoU with ECTA to supply faculty resource for conducting teaching in Rwanda

MoU with UCLA’s Henry Samueli School of Engineering & Applied Science, USA, to promote joint research & faculty & student exchange

MoU with Skilltree for academic exchange and experiential education in collaboration with world’s top 1% universities.

MoU with TrueCopy for delivery of digital transcripts

Placement Achievements

- Sheetal Patil received Krutika award of Rs. 50,000/- from Atlas Copco with placement
- Shekhar Sutar secured 1st Prize in SPPU-Seed IT Idol-2014
- Jyoti Jain and Samartha Kumar obtained 2nd Prize in Microsoft V-Fest 2015
- 14 students got the opportunity in excellent product based & important core companies with excellent packages.
- Average package 3.75 LPA.

Prominent Recruiters

Leading companies across various disciplines come for campus placements at Sinhgad. In technical courses, majority of students are offered placements even before the completion of their degree. This achievement has been the result of the team of dedicated members of Central Placement Cell (CPC) that constantly interacts with the corporate world and helps prepare students for their careers.

Besides, CPC consisting of leading members of the Corporate World give guidance on creating a career plan, a list of appropriate employers, setting realistic career goals and a planned time table on professional development for student future.

At Sinhgad Institutes, a dedicated Central Placement Cell ensures the right placement for each student and everything we do is focused towards this.

14 students got the opportunity in excellent product based & important core companies with excellent packages.

Average package 3.75 LPA.

We are actively involved in the Infosys Campus Connect Program and Zensar ESD Program.
The Alumni Association of the college was registered and started functioning from year 2010. Till today, 7 Alumni Meets have been successfully conducted. The number of Alumni registrations has reached to 3074 as on today.

ALUMNI MEET 2016

The Alumni Association of the college was registered and started functioning from year 2010. Till today, 7 Alumni Meets have been successfully conducted. The number of Alumni registrations has reached to 3074 as on today.

ALUMNI BENEFITS

- Arranging annual alumni meet
- Personality development programs
- Arranging seminars to TE/BE students delivered by alumina
- Industry institute interaction
- Project assistance for final year students
- Sponsorships
- Placement assistance
- Arranging seminars to TE/BE students delivered by alumina

SINHGAD CENTRAL PLACEMENT CELL

Targeted job postings
Mock interviews
Salary negotiation workshops
ENHANCE YOUR SKILLS

OFFER OPPORTUNITIES

Value added modules
Resume critiques
Industry specific coaching

STUDENT TRAINING PROGRAM

Worldwide, the advancement in technology has not only revolutionized the scope of engineering education, but also redefined the expectations from engineering graduates. At STES, a need was identified to start an innovative “Student Training Program” that would help the students to build a personality equipped with exquisite technical and non-technical skills. With this in mind a state of the art Student Training Program is being implemented. The aim of this program is “to enhance the quality of the students by empowering them with skills those are globally at par”.

SINHGAD OVERSEAS CELL

The aim of the Sinhgad Overseas Cell (SOC) is to prepare the students from Sinhgad Institutes for placement in universities / industries abroad, either for higher studies (PG / Ph.D.) or for trainings / internships / full time work opportunity.
STUDENT ACHIEVEMENTS

FORZA Racing Team of SAOE won the “GO-Green” Award and Second prize of Rs. 1,00,000/- at BAJA SAEINDIA Competition.

Our student Navin Mutha Secured All India Rank 6 and Maharashtra Rank 1 in All India University National Fencing Tournament held in Patiala Punjab.

TECHTONIC

MORE THAN 20,000 STUDENTS from various engineering institutions, including the IITs, participated in Techtonic.

Blend of 200 innovative as well as challenging events with a pinch of enjoyment.

Theme Events: Sociobotics, Greek Age, Robo Destroyer, Gear Head, CSI, Auto Drift, Propulsion, Circuit Design, 3D Animation & Web Development and Mr. and Miss. Techtonic

Total prize money on offer was in excess of Rs. 10,00,000 cash
In nine years, Karandak has travelled far and wide and is today a flagship event organized by Sinhgad Institutes. Starting with cultural and sporting events, today, Karandak hosts the technology festival, “Techtonic” and a business competition, “Spectrum”. Like the seven colors of a rainbow, Spectrum-’16 was a perfect orchestration of more than 25 events as never seen before. The events witnessed overwhelming participation from business activists, renowned entrepreneurs and alumni of Sinhgad Institutes across the globe. “Techtonic”, a National level symposium which was conducted by Sinhgad Institutes. The events comprised of Competitions, Seminars, Workshops and Games, with a blend of Innovations and Fun activities.
Sinhgad Student Council is a perfect blend of a plethora of clubs to produce competent students to face the newer challenges of today’s globalized world by developing their physical, mental and spiritual skill sets.

The Sinhgad Student Council constitutes of 13 main clubs & 33 sub clubs. The 13 main clubs are: Alumni, Architecture, Cultural, Dental, Engineering, Foreign Student, Management, Placement, Research, Science, Student Welfare, Sports, Social Media and PR.
Library
The SAE Library has been methodically developed with a huge collection of books and Journals. It is always ensured that the collection is dynamic in nature by stacking separately. ACTIVE and INACTIVE collection is in tune with changes in syllabi. The Library & Information Centre is automated with Online Public Access Catalogue (OPAC) using Easy Library Version, library management software.

Objectives
- To support the learning community in their information needs by making available maximum possible information sources
- To assist the clientele in tracing the documentary literature in the information unit to solve their problems
- To harness their researching habits through procurement of appropriate and satisfying information needs of engineering students and researchers

Hostels for Boys and Girls
Fully furnished hostel facility for 450 boys and 550 girls is available in the campus. Each room is self-contained. Solar water heaters have been installed on the roof of hostels to supply hot water to the rooms.

Mess, Canteen & Boarding Facilities
Hygienically prepared excellent quality food is provided in the mess. There is a spacious mess hall. In addition, there are 3 canteens/fast food outlets and a coffee shop serving snacks and refreshments.

Sports Center
STES has developed international standard sport complex at Vadgaon & Lonawala for indoor and outdoor games like Badminton, Swimming, Chess, Carom, Table Tennis, Cricket, and Football, Hockey etc. The students can utilize swimming pool facility with separate timings for ladies and gents.

Banking Facilities
A full fledged branch of Canara Bank with ATM facility is available in campus.

Campus Clinic:
An Urban Health Centre is available in campus for routine medical services, with full-time medical officer. College has made arrangement with our own Kashibai Navale General Hospital for any emergency requirement. The dental hospital with ultra-modern facilities is also available with STES.

Transportation
The campus is easily accessible by road from almost all corners of the city. PMPML city bus services from various major locations in the Pune city to the campus are available. Six Seaters/Auto rickshaws/share a rickshaw are also available to reach the campus.

Other Facilities
Facilities like laundry, medical store, stationery store & round the clock security are available.

Mrs. Asmita A. Karanjkar
Librarian
**WHAT IS RAGGING?**

‘Ragging’ means display of disorderly conduct, doing of any act which causes or is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student in any educational institution & includes:

a. Teasing, abusing, threatening or playing practical jokes on, or causing hurt to such a student; or

b. Asking a student to do any act or perform something which such student will not, in the ordinary course, willingly do (Maharashtra Prohibition of Ragging Act, 1999)

c. The human rights perspective of ragging involves the injury caused to the fundamental right to human dignity through humiliation heaped on junior students by seniors; often resulting in the extreme step of suicide by the victims.

Ragging has several aspects which include psychological, social, political economic, cultural and academic dimensions. The political aspect of ragging is apparent from the fact that incidents of ragging are low in institutions which promote democratic participation of students in representation and provide an identity to students to participate in governance and decision making within the institute bodies.

**WHAT IS ANTI-RAGGING?**

Sinhgad Academy Of Engineering is committed to maintain ragging free atmosphere within or outside of its campus.

**INTRODUCTION**

4. Those in hostel can also contact the hostel warden or any other staff members who will in turn direct the case to relevant authorities.

5. Freshers who do not report the incidents of ragging either as victim or as witnesses shall also be punished suitably.

**PUNISHMENT FOR RAGGING**

A) Maharashtra Prohibition of Ragging Act, 1999 which states that

1. Penalty for ragging (section 4): Whoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term which may extend to two years and shall also be liable to a fine which may extend to ten thousand rupees.

2. Dismissal of student (section 5): Any student convicted of an offence under section 4 shall be dismissed from the educational institution and such student shall not be admitted in any other educational institution for a period of five years from the date of order of such dismissal.

3. Suspension of student (section 6): Whenever any student or, as the case may be, the parent or guardian, or a teacher of an educational institution complains, in writing of ragging to the head of the educational institution, the head of the educational institution, shall without prejudice to the foregoing provisions, within seven days of receipt of complaint, do inquiry in to the matter mentioned in the complaint and if prima facie, it is found, true, shall suspend the student who is accused of the offence, and shall, immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action.

4. Deemed abetment (section 7): If the head of the educational institution fails or neglects to take action in the manner specified in section 6 when a complaint of ragging is made, such person shall be deemed to have abetted the offence of ragging and shall, on conviction, be punished as provided in section 4.

**Steps that may be taken by the student in an event of incidence of ragging**

1. Every fresh student admitted to the college shall be given a printed leaflet detailing to whom he/she has to turn to for help and guidance for various purposes including addresses and telephone numbers, so as to enable the student to contact the concerned person at any time, if and when required, of the anti-ragging help line referred to in these policy, wardens, all members of the anti-ragging committee & squads, relevant district and police authorities.

2. Fresher or any other student, whether being victim, or witness, in any incident of ragging are encouraged to report such occurrence, and the identity of such informants will be protected and will not be subject to any adverse consequence only for the reason for having reported such incidents. Those who want to be anonymous can submit their complaints in complaint box.

3. The students can contact the members of the anti-ragging committee or squad, whose phone numbers are displayed along with the anti-ragging posters. Or they can directly approach the Principal in turn will direct the complaint to anti-ragging committee.

4. Those in hostel can also contact the hostel warden or any other staff members who will in turn direct the case to relevant authorities.

5. Freshers who do not report the incidents of ragging either as victim or as witnesses shall also be punished suitably.

**B) Administrative action in the event of ragging:**

The institution shall punish a student found to be guilty of ragging after following procedure:

a) Anti-Ragging Committee of the institution shall take an appropriate decision following the recommendations of the Anti-Ragging Squad.

b) Anti-Ragging Committee may, depending on the nature & gravity of guilt recommend one or more of following punishments namely:

i. Suspension from attending classes and academic privileges

ii. Withholding or withdrawing scholarship/fellowship and other benefits

iii. Withholding results

iv. Debarring from representing the institution in any regional, national or international event

v. Suspension/expulsion from the hostel

vi. Cancellation of admission

vii. Rustication from the institution for period ranging from one to four semesters

viii. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.
An appeal against the order of punishment

a) In case of an order of the institution affiliated to a University, he/she can appeal to the vice-Chancellor of the University.
b) In case of an order of the University, he/she can appeal to its Chancellor.

Prevention of Ragging/Anti-ragging measures

The college has set up appropriate committees to actively monitor, promote and regulate healthy interaction between the freshers, junior and senior students and to prevent ragging.

1. Anti-Ragging Committee: The institution has nominated anti-ragging committee headed by the Principal. It consists of faculty members, representative of parents, representative of students from freshers and seniors and non-teaching staff. It shall be the duty of anti-ragging committee to coordinate with various committees to prevent ragging in the institution.

2. Anti-Ragging Squad: It is nominated by the Principal. The anti-ragging squad shall remain mobile, alert & active at all times to maintain vigilance & patrolling. It shall make surprise raids on hostels and other places vulnerable to incidents of ragging. It shall investigate incidents of ragging & report to anti-ragging committee.

3. Display: The names of anti-ragging committee members, anti-ragging squad members & hostel wardens are displayed in bold letters on first year BDS notice board along with their contact numbers.

4. Mentoring cell on ragging: The college has constituted mentoring cell consisting of students volunteering to be mentors for freshers. There is one mentor for six freshers and one mentor of a higher level for six mentors of lower level. Some senior staff members are also in mentor cell to guide students.

5. Teacher-Guardian System: It should be implemented for first-year students with the help of teachers involved in teaching them. About 5 to 10 students will be allotted to one teacher. They are to meet the concerned teacher every week to discuss various problems faced by students.

6. Monitoring cell: The institution has monitoring cell on ragging to coordinate with activities of anti-ragging committee, Squads and Mentoring cell about conducting orientation programmes, counselling sessions, Incidents of ragging & problems faced by officials. It shall be prime mover for initiating action to facilitate the implementation of anti-ragging measures at the level of institution.

7. Orientation programme: A joint ‘sensitisation’ and orientation programme and counselling of both freshers and seniors to be addressed by the Principal and professional counselor. The inmates of hostel shall be addressed by the hostel warden.

8. Sensitization towards the ills of ragging and the prevention thereof and obtaining undertaking from every employee of the college including teaching and non-teaching members of staff, contract labor employed in the premises. A provision shall be made in the service rules for issuing certificates of appreciation to such members of the staff who report ragging which will form part of their service record.

9. The employers/employees of the canteens/mess shall be given necessary instructions to keep strict vigil and to report the incidents of ragging to the college authorities, if any.

10. Affidavit from students and parents: The affidavit from each student and his/her parent is obtained and the copies are available in the office.

11. Counseling of freshers: The professional counselor shall counsel freshers in order to prepare them for the life ahead, particularly in regard to the life in hostel and to the extent possible, also involve parents and teachers in the counseling sessions.

12. Query Register: Various queries of newly admitted students ranging from travel & commuting, instruments, books, places etc. can be written by them in the register everyday. At the end of the day the queries can be answered by the administrative officer after consulting appointed personnel.

13. Complaint Boxes: For newly admitted students and for students who want to be anonymous in their complaints, the complaint boxes should be installed in the college as well as in the hostel.

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<thead>
<tr>
<th>Sr. No.</th>
<th>Name</th>
<th>Designation</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. Vijay M. Wadhai</td>
<td>Principal, SAE</td>
</tr>
<tr>
<td>2</td>
<td>Dr. K. P. Patil</td>
<td>Vice-Principal, SAE</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Daljeet Kaur</td>
<td>FE Co-ordinator, SAE</td>
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<tr>
<td>4</td>
<td>Mr. V. B. Jagtap</td>
<td>Police Inspector (Police Deptt.)</td>
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<tr>
<td>5</td>
<td>Mr. Santosh Shenai, Asst. Editor</td>
<td>Press (Representative Sakal)</td>
</tr>
<tr>
<td>6</td>
<td>Prof. Neha Sathe</td>
<td>Karve Institute – NGO (Representative Involve in Youth Activity )</td>
</tr>
<tr>
<td>7</td>
<td>Mr. Abhay S. Huddar,</td>
<td>Dy. Engineer, Water Resource Dept. (Civil Representative)</td>
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<tr>
<td>8</td>
<td>Shri. Vitthal Khanduji Kamathe</td>
<td>Local Member</td>
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<td>9</td>
<td>Dr. P. N. Shinde</td>
<td>Faculty, SAE</td>
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<tr>
<td>10</td>
<td>Prof. S. B. Sasane</td>
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<td>11</td>
<td>Prof. A. S. Patil</td>
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<td>12</td>
<td>Mr. S. K. Haldkar</td>
<td>Parent Representative</td>
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<td>13</td>
<td>Mr. Vivek Phutane</td>
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<tr>
<td>14</td>
<td>Ms. Nikita D. Gaikar</td>
<td>First Year Student, SAE</td>
</tr>
<tr>
<td>15</td>
<td>Ms. Samiksha Patil</td>
<td>T. E. Student, SAE</td>
</tr>
</tbody>
</table>
1. Students shall possess college identity card always and produce the same on demand.

2. It is compulsory for all students to maintain minimum 75% attendance otherwise he/she will be detailed and appropriate action will be taken. Parent of these students will be informed and called to meet the HOD and the student and the parent will be asked submit an undertaking to the HOD. Despite all these actions if a student fails to obey the undertaking, the student will not be permitted to attend theory and practical classes.

3. Student should not be involved directly or indirectly in any type of ragging otherwise he/she will be punished as per the provision of Maharashtra Act XXXIII known as “Maharashtra Prohibition of Ragging Act of 1999” resulting in suspension, expulsion from college and imprisonment.

4. A student shall conform to a high standard of discipline and conduct himself within and outside the precincts of the college. He/She shall show due courtesy and consideration to the staff of the college and the Hostels, good neighborliness to his/her fellow students, respect to the wardens of the Hostels, and the teachers of the college and pay attention and courtesy to the visitors. Smoking, chewing of gutkha, consumption of alcohol in the campus is strictly prohibited.

5. Breach of Rules and Regulation of Hostels, lack of decorum, ungentlemanly conduct or willful damage of college or hostel property, or of the belongings of a fellow student as well as adoption of unfair means in the class rooms, laboratories, field or in the examination hall shall constitute as Act of indiscipline by the students.

6. A student whose conduct has not been up to the standard expected may be imposed monetary fine, temporarily or permanently suspended or rusticated from the college. The Principal may give hearing to the students reported against and pass orders on the recommendations of the Discipline Committee.

7. Students should keep in touch with notice board periodically for announcements regarding class test/special classes and any other important information.
Postal Address
SINHGAD ACADEMY OF ENGINEERING
(Approved By All India Council For Technical Education, New Delhi
Recognized By Govt. Of Maharashtra & Affiliated To Savitribai Phule Pune University)
Survey No. 40, Kondhwa-Saswad Road, Kondhwa (Bk), Pune-411048 (Maharashtra)
Tel: (020) 26934441 / 26934550 Fax: (020)26934297
Email: saeprincipal@singhag.edu