



SARASWATI Education Society's  
**SARASWATI College of Engineering**

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

### **6.2.3 Implementation of e-governance in areas of operation**

1. Administration
  2. Finance and Accounts
  3. Student Admission and Support
  4. Examination
- A. All of the above  
B. Any 3 of the above  
C. Any 2 of the above  
D. Any 1 of the above  
E. None of the above

Response: All 4 of the above

### **6.2.3 Implementation of E governance in area of operations:**

Saraswati college of Engineering is committed to impart continual quality education and improvement by complying with requirements in every field through various modes of channels. We promote the faculty in development and implementation of software for smooth functioning of academic as well as administration.

#### **1. Administration-**

As we believe in development and implementation of innovative things, we have our own software development team. In- house developed software's are useful in every area of operation and makes every stakeholder to work and maintain the same.

We have our **Event management software** designed in the year 2018, additionally which incorporates all events conducted by every one of the

departments. At the Institute and University stages, all departments are involved in a variety of educational and extracurricular activities.

Every academic member is expected to update the activity's relevant data soon after the activity is completed, so that the college has all activity data in one place. As an outcome, we're using this platform to preserve, view, and obtain information about every student's activity.

URL for **Event Management Software**: [www.sce.edu.in/event](http://www.sce.edu.in/event)

College has its own dedicated portal for leave application to make the process hassle-free. It is the **faculty attendance portal**. It is an open source HR management online attendance software developed in the year 2017 which is useful to maintain the record of all types of leaves taken by the faculties. Faculties have been given a username and password to login through which they can apply for CL/EL/ML etc. This portal is beneficial to keep the monthly record of attendance.

Faculty attendance portal:

<https://hrm.sce.edu.in/symfony/web/index.php/auth/login>

**Library-** For smooth functioning of library work, we have purchased **e-Vidya-Library management software** from Biyani Technologies in the year 2014-15. It is a multiuser system, operational on LAN environment. This will help organisation to carry out day to day activities more efficiently, punctually and in less time which leads to save manpower, time and to function ideally in library work. The portal helps to maintain the data of books issued and returned by students as well as faculties. The data is entered only once and instantly available in all users. It avoids the duplicate data entry.

It is completely a secure system with password protected user access, department and role wise rights. It is useful for Backup and Restore database, to maintain Book Bank, journals CD's, videos Tapes, daily book issue/ return register, summary of purchase of books, title wise book list and count, subject wise/ department wise summary of books, daily fine collection register, stock verification etc. If the books are not returned within the specified time, then students have to pay fine which also, can be maintained through software.

## **2. Finance and Accounts:**

For finance and accounts the Tally ERP 9 software (APEX Act soft Technologies Pvt. Ltd.) is developed in house to track Fees payment of every student.

For Staff salary calculations and taxation purpose we have purchased Greytip Software. It is used for salary related calculations, as well as sending Salary Slip and also for Income Tax purposes including generating of Form 16.

TDS Xpress software is used for TDS related work and it's helpful for generating Form 16A.

**3. Student Admission and Support:** Students are the most important stakeholders of every Institution. For their ease and convenience, our team has developed in house software's for various students' activities like

i) **Student's admission software-** Every year First year engineering Centralized admission process is done by DTE. The institute started with 5 branches & total sanctioned intake of 300. Later on, with increase in the number of branches, intake quota and shifts for Civil & Mechanical Engineering, it went up to 660. It is a big task to maintain the data of students. For this purpose college had purchased Aspire Software in the year 2014. At the time of admission, details of all students are entered. The data is updated every year. This process of entering the data and updating it, is followed every year. This way we get all information of a student at one place. The software also helps us to get bonafied certificate as well as leaving certificate of the students.

ii) **Student's exam portal-** Examination section has given on line facility to in house students for filling up examination form via Google form and could successfully avoid the movement of students. The examination section of the institute provides on line support for transcripts. Around 90 to 100 B.E. passed out students are applying to seek admission for higher studies and also for the company recruitment abroad/India. For faster disposal of certified / verified / bonafied documents, the exam section started issuing on line transcripts making an MOU with Pune (M.S.) based company ' TRUECOPY SUPPORT'.

All notices and results of all semesters are uploaded on website so that students can

<https://engineering.saraswathikharghar.edu.in/exam-cell/result/>

iii) **Student's fees transaction-** We have our own Saraswati education app for the payment of fees. Students can see their fees details as well as they can do online transaction of their fees using this app.

iii) **Student's feedback** – To ensure the quality of teaching and learning process feedback from students is taken twice in a semester. Along with teaching feedback, other feedbacks like Parents' feedback, Alumni feedback, Employer's feedback and Exit feedback are to be taken through online mode.

Saraswati College of engineering has developed the student feedback software in August 2017. It is not purchased software. It is our in-house developed software. At the time of admission college has been providing the educational email id to each student. For all academic related work students have to use this email id. For this activity our software team introduced student feedback integrated portal.

Student Feedback: <https://www.sce.edu.in/feedback>

Student Satisfactory Survey : <https://saraswatikharghar.edu.in/student-satisfactory-survey/>

Alumni-registration: <https://engineering.saraswatikharghar.edu.in/department-of-computer-engineering/>

Program Exit Link <https://www.sce.edu.in/programExit/>

**4. Examination:** For the preparation of result of Sem III to Sem VI, College has purchased **Viva software** from Viva Software Solutions Pvt. Ltd. in the year 2014. This company includes/update the rules and regulations of Mumbai University. Software is useful for the Gazette preparation of SE and TE examination where we have to enter all details of students along with course and subject definition, all subject marks, credit criteria defined for each subject etc. In this way result preparation will be done by using the software. Then we can take the print of gazette directly and submit it to the university. Also we can take the print of mark sheet as well as hall ticket using this software.

A handwritten signature in blue ink, appearing to be "Manjusha".

Principal

Dr. Manjusha Deshmukh

**PRINCIPAL**  
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