



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

DEPARTMENT OF INFORMATION TECHNOLOGY

NEWS LETTER

(July 2017-Nov 2017)



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From the Desk of HOD



I am very happy that our department of Information Technology is releasing 16th News Letter as a forerunner of department activities. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence.

With fast changing technology certain changes are essential, considering these aspects the department of Information Technology aims at training the students to the fast changing technology. Our Department strives for enhancing critical thinking, ability to change information into knowledge and to increase the power of information analysis. The department has flourished due to collective efforts of the management, skilled staff and an efficient student base. We are making an earnest effort to make engineering curriculum a perfect mix of theory, practice and implementation

.We have arranged several expert Lectures and workshops for our SE, TE and BE students in this academic year. Also I invite

the readers of our Newsletter for their contribution and suggestions for the forthcoming issues. .Our enrollment continues to ascend great heights of rigorous admissions standards. The student body is a remarkable group of exceptionally bright, ambitious, & hardworking students who are thirsty for a top-flight engineering education. Our students find a diverse curriculum that emphasizes both traditional & emerging areas of Information Technology. A major strength of our department is a truly outstanding faculty, who has become brightest stars in the Information Technology discipline.

Mission

1. To impart Quality education
2. To develop Technical and managerial skills through training and modern Teaching-learning process

Vision

“To create technically qualified talent through research to take up challenges in industries”

Programme Educational Objectives (PEO):

1. To prepare the candidate for a successful career in the IT industry and make him acquainted with the latest software and hardware related to Information Management.
2. To make candidate to develop software development ability to take up challenges in the industry by making Business oriented software dealing with mass amount of data (information) intelligently and new research oriented projects .
3. To provide the candidate with a sound foundation in mathematics, software technologies, database technology, networking, hardware and to prepare them for graduate studies.
4. To promote student awareness of lifelong learning and to introduce them to professional ethics and codes of professional practice.
5. To make the candidate a complete computer literate, who can work on various platforms.
6. To enable the student's implementation of security ethics regarding reading the

Hackers mind and understand the hacking technology and methodology.

7. To enable student to work productively as IT Engineers, including supportive and leadership roles on multidisciplinary teams.
8. To guide and motivate students to engage in continuous learning through higher studies.

Programme Outcome

1. Apply Knowledge of mathematics science and engineering.
2. Design and conduct experiments as well as to analyze and interpret data.
3. Design a system, component or process to meet the desired needs within realistic constraints such as, economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability function in multidisciplinary teams.
4. Identify, formulate, and solve engineering problems.
5. Understand professional and ethical responsibilities.

