Annual Report 2021-22

1. Details of the College

- Name and Address of the College: Saraswati College of Engineering

  Plot No. 46, Sector 5

  Near MSEB Sub Station,

  Kharghar,

  Navi Mumbai 410210

- Year of Establishment: : 2004
- Telephone and & Fax Number   : Telephone: (022) 27743707, 27743708 / Fax: (022) 27743712.

- Email   : principal.scoe@gmail.com,

registrarsaraswati@gmail.com

- Vision /Mission of the College:

    Vision: "To become center of Excellence in Engineering education and research"

    Mission: "To educate students to become quality technocrats for taking up challenges in all facets of life"

2. Achievements in brief

1. In "Times Engineering Institute Ranking Survey 2022", SCOE secured 77th position in Top Engineering Institute in India, survey conducted by Times of India.

https://times-engineering-survey.com/

3. Contemporary Add-On Courses/ Technical Events forThe Advancement Of Education

International/ National Conference Organized

Title	Date from	Date to	Resource Person Name	Resource Person Designation	Resource Person Org
International Conference on Industry 4.0 - Advances in Engineering and Sustainability for the 'Make in India' initiative (ICAESM 2021)	7/5/2021	7/5/2021	Prof.(Dr.) Iyyanki. V. Muralikrishna	Professor and Director [R&D]	JN Technological University, Hyderabad
International Conference on Industry 4.0 – Advanced Information and Communication Technologies (ICAICT 2021)	7/5/2021	7/5/2021	Prof.(Dr.) Iyyanki. V. Muralikrishna	Professor and Director [R&D]	JN Technological University, Hyderabad

Technical Competition

Title	Type of event	Date from	Date to	Resource Person Name	Resource Person Designation	Resource Person Org
SCOE Avishkar	Project Competition	22/4/2022	22/4/2022	Mr Tejas V Hoskatti	CEO	Skillup Ventures Pvt. Ltd
Logo Competition	Technical	21/10/2021	21/10/2021	Prof Diksha Kumar	Asst. Professor	SCOE

Technical Seminar/ Guest Lecture

Title	Type of event	Date from	Date to	Resource Person Name	Resource Person Designation	Resource Person Org
Technical Webinar	Webinar	23/4/2022	23/4/2022	Mr. Amit Gawde	Sr. Innovation Engineer	REDX Innovation Lab
Expert Lecture / Webinar on Require skillset for AIML and DS students	Guest Lecture	23/4/2022	23/4/2022	Amit Gawde	Sr. Innovation Engineer	REDX Innovation Lab
How to write a Research Paper	Seminar	7/4/2022	7/4/2022	Dr. Sheetal Bukkawa	Dean Admin	SCOE, Kharghar
Study Abroad	Seminar	6/4/2022	6/4/2022	Mr. Man Mohan Kohli	Student	SCOE, Kharghar
Alumini Talk	SEMINAR	14/3/2022	14/3/2022	Heena Shirke	AEM Developer	IBM
Flask with Hands-On	Webinar	17/2/2022	17/2/2022	Mr. T.S. Kartik	Fullstack Developer	Tech Mahindra, Hydrebad

Programming,Data structures and Algorithms	Seminar	01/01/22	31/03/22	AIML and DS Students	Student	Saraswati Institute
Professional Communication & Personality Development	Seminar	22/12/2021	22/12/2021	Prof. Alka Purohit	Assistant Professor	SCOE, Kharghar
Seminar on Oral health care-AIML	Seminar	10-12-21	10-12-21	Dr Anita Garude	Doctor	Dental Essential, Panvel
Seminar on Oral health care-DS	Seminar	10-12-21	10-12-21	Dr Anita Garude	Doctor	Dental Essential, Panvel
Expert seminar on Soft Skills-AIML	Seminar	12/11/21,13/11/21 & 15/11/21	12/11/21,13/11/21 & 15/11/21	Sima Singh	Asst. Professor	Saraswati Institute
Machine Learning Mapped with AI: 900 Microsoft Certificatio	Webinar	8/11/2021	8/11/2021	Ms. Manisha Singh	Student	SCOE, Kharghar
How to get Internshi and 75% Scholarship on Microsoft Certification Tracks and get free training on Ethical Hacking	Webinar	30/10/2021	30/10/2021	Mr. Tushar Singh	Student	SCOE, Kharghar
Expert seminar on Soft Skills-DS	Seminar	22/10/21,23/10/21 & 25/10/21	22/10/21,23/10/21 & 25/10/21	Sima Singh	Asst. Professor	Saraswati Institute
Webinar (Insights into AI)-AIML	Webinar	14/10/21	14/10/21	Diksha Kumar	HOD	Saraswati Institute
Webinar (Insights into AI)-DS	Webinar	14/10/21	14/10/21	Diksha Kumar	HOD	Saraswati Institute
Flutter Developmen and UX Design	Webinar	13/10/2021	13/10/2021	Mr. Abhayjeet Singh	Student	SCOE, Kharghar
Advanced Technologi in Industrial Automation	Webinar	27/9/2021	27/9/2021	Mr Prashant Katikar Mr Shreenivas Kulkarni	Engineer	Sage Automation Group
AWS	Webinar	27/8/2021	27/8/2021	Suhasini Bhosale	Trainer	Prior Tech World
Full stack developmer	Webinar	26/8/2021	26/8/2021	Ms. Deepika sawant	Trainer	Prior Tech World

Use of Data analytic in Business	Webinar	25/8/2021	25/8/2021	Mr. Amit Naik and Mr. Amit Gawade	Student	SCOE, Kharghar
AR VR & Job Opportunities	WEBINAR	16/7/2021	16/7/2021	TEJAS K.	Engineer	THE INTELLECT TECHNOLOGIES
Webinar on Virtual Reality	Webinar	16/7/2021	16/7/2021		Trainer	Intellect Technologies
Career Opportunities in EPC (Engineering - Procurement - Construction) Companies	WEBINAR	3/7/2021	3/7/2021	Purushottam K	Co founder& Director	AVK Creation Institute of technology
Alumini Talk	SEMINAR	22/1/2021	5/2/2021	Siddharth Kirti	S/W Developer	TCS

Industry/ Site Visit

Title	Type of event	Date from	Date to	Resource Person Name	Resource Person Designation	Resource Person Org
ZECO Aircon Limited & Kruger Ventilation Industries (India) PVT LTD	INDUSTRIAL VISIT	12/4/2021	16/4/2022	Sandeep Sharma	General Manager	Simens Company, Goa

Workshop/ FDP

Title	Type of event	Date from	Date to	Resource Person Name	Resource Person Designation	Resource Person Org
Nurture Workshop	Ad On Workshop	19/5/2022	24/5/2022	Prof. Alka Purohit	Assistant Professor	Saraswati College of Engineering
Online FDP on Recent Trends in Cyber Security and Machine Learning	FDP	01/05/2022	05/05/2022	Vaibhav Dhage	Asst. Professor	Saraswati College of Engineering
Online FDP on Recent Trends in Cyber Security and Machine Learning	FDP	01/05/2022	05/05/2022	Snehal Gawale	Asst. Professor	Saraswati College of Engineering
Online FDP on Recent Trends in Cyber Security and Machine Learning	FDP	01/05/2022	05/05/2022	Mitrakshi Bipin Patil	Asst. Professor	Saraswati College of Engineering
UX/UI & Flutte	Workshop	15/3/2022	17/3/2022	Taabish Sutriwala	Flutter Developer Intern	IT Dept SCOE
Applied statistics in Da Science- Techniques an Concepts	Workshop	18/12/2021	18/12/2021	Mr. Parth Sharma	Student	SCOE Student
INDUSTRY	FDP	16/12/2021	20/12/2021	Admiral Col. Shekar	MD & CEO	CEMS

4.0				Mittal		
Verbal ability Training-to crack TCS ninja	TRAINING	26/7/2021	30/7/2021	Ms. Sima Singh	Assistant Professor	Saraswati College of Engineering
Online Test series for TCS	TRAINING	24/7/2021	31/7/2021	Ms Kirti Pawar / Ms Sonali Sukla/ Ms Vrushali Thakur/ Mr Umesh Pinjarkar/ Ms Hemlata Gosavi	Assistant Professor	Saraswati College of Engineering

4. Patents

Sr.No	Design Number/Patent number/Application number	Title	Author/Members	Date of filing
1	202121039500	Method of identification of leakage prone points in water pipelines	Dr. Saumya Singh, Aditya Jotiram Pukale, Dhananjay Kalyanrao Gade, Omkar Mahendra Manjare, Sagar Ganesh Mhashilkar	31/08/2021

5. Introducing Online Courses

Faculty uses open courseware from national and international universities likeIIT, MIT (USA). Virtual laboratories, e-learning resources from National Programme on Technology Enhanced Learning (NPTEL), open educational resources, mobile education etc

6. Students Clubs and Committees Formed To Inculcate Leadership Quality in Students

Institute insists upon inculcating moral, ethical and social values in students to develop them as responsible citizen of India. Various committees involving students and faculties are active in the college. Following are the students clubs and committees formed to inculcate leadership quality in students.

Group A : National and International

- CSI – Computer Society of India
- ISHRAE- Indian Society of Heating Refrigerating and Air Conditioning
- SAE - Society of Automotive Engineers
- IETE - Institution of Electronics and Telecommunication Engineers
- ISTE - Indian Society for Technical Education
- IWWA- Indian Water Works Association
- IGBC- Indian Green Building Council.

Group B : College level cultural /technical clubs

- Student Council
- Team Prahar Racing
- Placement team
- EN Cell
- Music Club
- Dance Club
- Sports Club
- Fashion Club

Group C : College level social clubs
- National Service Scheme(NSS)
- Rotract Club

Group D : Department level associations
- ACE - Association of Computer Engineers
- CESA – Civil Engineering Student Association
- ETSA - Electronics and Telecommunication Students   Association
- RACE – Reliable Automotive Council of Engineers
- SAIT - Student Association For Information Technology
- MESA - Mechanical Engineering Students Association

Entrepreneur Network Cell Activities

An Entrepreneur network Cell (ENC) is formed in the Institution, to expose the students to the field of entrepreneurship .The Entrepreneurship network Cell aims at reaping and nurturing innovativeness

and encouraging entrepreneurial culture among students. The Entrepreneurship network Cell is primarily responsible for stimulating, sustaining and supporting entrepreneurial ventures within the campus, providing them with necessary assistance and resources.

7. Social Activities

Title	Organized By	Date
PCOD Awareness & Ayurvedic Cure	FE	19/4/2022
Essay Competition	ALL	19/4/2022
Blood Donation 2022	SAIT	18/4/2022
Poster Making	ALL	18/4/2022
Blood Donation 2022	SAIT	18/4/2022
Maitree Event-AIML	AIML	11-03-2022
Maitree Event-DS	DS	11-03-2022
Yoga & Meditation Session	ALL	23/12/2021

8. Benefices Provided To Economically Under Privileged Students In The College.

- Book bank schemes are available for economically weak students.
- The institution helps to receive scholarship to SC/ST, OBC and economically weaker students from Government of Maharashtra/DTE/Samajkalian office/Adivasivikaskaryala as per the policies.

9. Sewage Treatment Plant (STP)

Sewage Treatment Plant of 1,00,000 lit per day filtration capacity

10. Rainwater Harvesting

Rainwater harvesting tank

Capacity of Rainwater harvesting is 50,000 liters