



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Best Practices

1. Title of the Practice: Holistic Education through Students clubs:

Objective of the Practice:

Conventional learning aims to develop only intellectual capabilities. But holistic education aims to develop physical, intellectual, cognitive or mental, emotional, and social abilities.

The goal of this practice is to bring transformation in students' personality and aim at realizing the holistic and integral development of students. Thus, keeping the expectations in mind, SCOE has undertaken an experiential training programme called 'Holistic Education' through various students clubs and associations to enhance leadership skills in our students.

The Context:

Holistic education is a comprehensive approach to imparting education where educators seek to address the emotional, social, ethical, and academic needs of students in an integrated learning format. Emphasis is placed on positive college environments and providing academic and non-academic needs of the students. The purpose of education is to help students develop and be ready to face and succeed on the greatest test, called Life! Each student is unique and has his personality traits, interests, preferences, values, attitudes, strengths, and weaknesses. The educational curriculum must help students find their unique place in the world in alignment with the uniqueness they have. Holistic development is a thorough pathway to learning intended to help develop all the sides of the human brain. Conventional learning and education systems aim

to develop intellectual capabilities only. But holistic growth aims to develop physical, intellectual, cognitive or mental, emotional, and social abilities.

The Practice

For holistic development of the students of SCOE there are various active student chapters categorized differently so that students can excel and learn the administrative capabilities thus giving them great advantage in their career. Thus SCOE is giving a wider platform to the students to nurture their skills and enhance their administrative, Co-curricular and extracurricular areas of expertise.

Category A:

International/ National Level Committees: Students are the members of nationally and internationally recognized organizations like ISHRAE, CSI, SAE, ISTE, IWWA and IETE. Activities like expert talks, seminars, Industrial Visits, Placement Drives, and Workshops are organized under these committees.

Category B:

1. Department Level Committees: Every department forms a student association like ACE, CESA, ETSA, RACE, SAIT and MESA and organizes co-curricular, extra - curricular activities and intradomain activities under the guidance of the association mentors for their respective department.

2. Team Prahar Racing: The objective of Team Prahar Racing is to design and build formula cars, All Terrain Vehicles and participate in various competitions nationally and internationally. Team Prahar racing also participated in national and international competition and secured various ranks in various competitions .

3. Entrepreneur's Network Cell: SCOE Entrepreneur's Network cell stands for young aspiring entrepreneurs. The Cell is primarily responsible for stimulating, sustaining and supporting entrepreneurial ventures within the campus, providing them with necessary assistance, infrastructural support and resources.

Category C:

Committees for Social and Extra - Curricular Activities:

1. College Level Students Council

The primary objective of the students council is to give students an opportunity to develop leadership by organizing and carrying out commemorative days, events and festivals. Another objective is to create an environment where every student can voice out their concern /need.

2. National Service Scheme (NSS)

SCOE has a recognized NSS Team which renders service to the nation. They carry out various programs, like Tree Plantation, Blood Donation Drive, Flood Relief Camp, Cleanliness Drive, Water Literacy and Conservation Program.

3. Rotaract Club

Rotaract club of SCOE brings together people aged 18 and older to exchange their ideas with the leaders in the community. The members coordinate with their respective zone and carry out various activities like Blood Donation Camp, Sui Dhaga Competition, Orphanage Donation Camp, Program on Leadership & Personality Development, etc.

4. Dance Club/Music club

Objective of these clubs is to bring students of all years with similar interests together. Dancing is a great way to keep fit, socialize and learn a new skill.

5. Media Club

The Media Club of SCOE provides coverage for all types of campus activities and events with the aim of fostering a media culture and aptitude among college students. Club provides students with the opportunity to express their ideas and talent through media, communication and journalism.

6. Orator Club

Objective of the Orator club of SCOE is to develop public speaking skills, confidence and the unique talents of the students. The Orator's Club also encourages the students to participate in Debates, Elocution, Group Discussion as well as Essay competition.

7. Photography Club

The objective of the photography club is to hone and enhance the photography, cinematography & editing skills of the students. We aim to create an atmosphere for the students to discover, develop, deploy and express their Creativity in Photo & video, capturing & editing skills. The club provides and trains students in using Graphics & editing tools and software which would make them unique in their profession.

8. YIN (Young Inspirators Networks)-

Objective of YIN is to spread unique ideas; motivate & inspire students through various talk shows.

9. Entrepreneurship Development Cell

SCOE Entrepreneurship Development cell stands for young aspiring entrepreneurs who are passionate about business development. The ED cell provides the mentoring and infrastructural support for the entrepreneurship project. It also makes available the financial support to the students by approaching the appropriate investors.

10. Indian Water Works Association (IWWA)

The Indian Water Works Association (IWWA) is a voluntary body of professionals concerned with and connected with water supply for municipal, industrial, agricultural uses and treatment and disposal of wastewater. IWWA focuses basically on the entire Water Cycle" encompassing the environmental, social, institutional, and financing issues.

Evidence of Success

1. Student council of SCOE has organized various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs. These cultural events are organized at different levels-college level as well in other colleges.

2. Donation drive was organized to educate people about the merits of donation and to encourage the students to participate in the donation to help people.
3. Every year NSS students and students from different departments organized blood donation camps in which many individuals acted as helping hands to construct a more concerned society where various donors donate blood for helping injured and needy peoples. SCOE has received many awards and appreciation letters for consistently organizing blood donation camps every year .SCOE also has received Appreciation letters for Social services.
4. NSS students conducted Special Camps in villages for NSS volunteers. These camps are directed towards various social issues impacting the lives of the people in the community including social and cultural values among the young students. In these villages the students constructed water tanks , ecofriendly toilets and also installed solar panels for the villagers
- 5.The EN cell of SCOE has formed a company named AGRESA and registered the company on 29/12/2021 which deals with growing and selling of mushrooms by creating a micro environment for mushroom farming for all 12 months .
5. In order to let the students stay rooted with Indian culture, SCOE celebrates various festivals in campus like Marathi Bhasha Diwas, Tribute to Dr Babasaheb, Ganesh festival, Navratri, Diwali, Gandhi jayanti, Raksha bandhan.
6. NSS also conducted a food donation drive, flood relief drive, Tree Plantation, Clean up drive at many places, Old age and Orphanage visits, Road safety rally, Book donation drive, say no to drugs rally, Youth Cultural Exchange Program.
7. Rotaract club of Saraswati have organized Animal welfare events. Its aim is to take care of the stray animals around us, feeding them and making safe and warm shelters for them.
8. A Fund Raising Superbikes Exhibition event in favor of Voice OF Martyrs, an NGO working for our soldiers' families. in this events various Superbikes and cars came to participate and exhibits their Bikes, Cars for students. Fund raise by this event is Donate to an NGO named as “ Voice of Martyrs, Chandigarh ”
9. Nakshatra is an inter-college festival wherein other colleges are also invited to participate in all the events being held.
- 10.Team Prahar participated in FSEV Concept Challenge on 4th august 2021 and secured overall rank of 26th. Team prahar also participated in Coimbatore on 10/10/2019 and secured 1st rank in Design event and Cost presentation and lightest vehicle & secured 4th rank overall out of 24.

11. Tarun Soyal, student of Civil Engineering Department of Saraswati College of Engineering has been felicitated by Certificate of Appreciation at 53rd Annual Convention 2021 organized at Hyderabad on 5th and 6th March 2021. This award is given for extensive Programs conducted during the last 2-3 years and considered him as a future potential leader (Team Leader)of IWWA. Kiran Karjavkar, student of Civil Engineering Department of Saraswati College of Engineering has been felicitated by Certificate of Appreciation at 52nd Annual Convention 2020 organized at NIT patna on 10th and 12th January 2020. This award is given for extensive Programs conducted during the last 2-3 years and considered him as a future potential leader (Team Leader)of IWWA.

12.Saraswati College of Engineering, Kharghar has been felicitated with Certificate of Appreciation by Indian Water Work Association (IWWA) at 52nd Annual Convention 2020 organized at NIT Patna on 10th and 12th January 2020. This award was given to recognise the number of activities, workshops, seminars, site visits etc. conducted by the institute in the past 2-3 years.

Problems Encountered and Resources Required

1.Balancing Academics and co-curricular activity is a challenging task as in the semester pattern academics syllabus itself is very rigorous and managing holistic development activities is very demanding

2 Students entering in professional education belong to various higher secondary backgrounds. Importance they give to holistic education depends upon holistic roots developed in their previous institutions. Targeting awareness is the biggest challenge faced in the multidisciplinary education system.

3.Holistic development activities may underemphasize Academic Learning. A holistic approach may limit a student's time on academic aspects of learning. Making students aware about time management is the main aspect. Some parents may oppose students taking part in holistic educational activities.

4. Being affiliated to university of Mumbai we cannot allot credits to holistic development activities.

Sr No.	Name of Activity	Date from
1	Induction and Farewell of CESA core	7/16/2021
2	National level webinar on Activities post covid 19 lockdown ,NSS,NCC The road ahead	6/22/2021
3	6th Yoga Intern Program & Interactive session (CHM)	6/21/2021
4	6th Yoga Intern Program & Interactive Session [Training Protocol]	06/18/2021 - 06/20/2021
5	Covid-19 Relief & Rehabilitation webinar	6/15/2021
6	International Dance Day	4/29/2021
7	Current Covid Situation and Vaccination	4/27/2021
8	World Veterniry Day	4/24/2021
9	International Earth Day	4/22/2021
10	Life Story of Amruta Soni	4/18/2021
11	World hemophila Day Quiz	4/17/2021
12	World Art Day	4/14/2021
13	Laws for daily basis	4/14/2021
14	Dr.Babasaheb Ambedkar Quiz	4/14/2021
15	Tribute to Dr.Babasaheb Ambedkar video	4/14/2021
16	Mental Health Youtube Live	4/14/2021
17	International FND Day	4/13/2021
18	Blood Donation At Satara	4/13/2021
19	Jallianwala Bagh Masacare	4/13/2021
20	National Safe Motherhood Quiz	4/11/2021
21	Wings Of Glory and Paws of Legacy	4/11/2021
22	Nutrition Boost Your Immunity	4/10/2021
23	Organ Donation	4/9/2021
24	Book donation drive [KALYAN]	3/24/2021
25	Book donation drive [KAMOTTE & THANE]	3/24/2021
26	Mr and Ms Civilian	3/21/2021
27	Mangroves Clean up Drive by MESA & Mangrove Warriors	3/20/2021
28	Mangroves Clean up Drive by MESA & Mangrove Warriors	3/20/2021
29	Socio culture event Sankalp	03/19/2021 - 03/20/2021
30	Mangrove cleanup drive	3/14/2021
31	Women's day	3/8/2021
32	Importance of Personal & Public Hygiene in India	3/4/2021
33	National Science Day	2/28/2021
34	Book donation drive	02/24/2021 - 03/04/2021
35	Shivjanti Celebration	2/19/2021
36	Blood donation drive [MANGOAN]	2/19/2021
37	Shivjayanti Webinar	2/19/2021
38	Shiv jayanti	2/18/2021
39	Tree Plantation	2/15/2021
40	One day with traffic police	2/11/2021
41	Blood donation drive [TALOJA]	2/9/2021
42	Road Safety seminar	2/9/2021

Sr No.	Name of Activity	Date from
43	Tree Plantation	2/6/2021
44	Seminar on Campus Placement Preparation Seminar	2/5/2021
45	Tree Plantation	2/3/2021
46	Cleanliness drive at college	1/30/2021
47	Martyrs Day	1/30/2021
48	New Labour Code session	01/28/2021 - 01/31/2021
49	Republic Day	1/26/2021
50	Rally to give tribute to Netaji Subhas Chandra Bose on his 125th Birth Anniversary	1/23/2021
51	Awareness of certification Seminar	1/20/2021
52	Road safety rally	12/31/2020
53	Webinar on Cervical Spondylosis	12/26/2020
54	Beach cleanup drive	12/26/2020
55	Blood donation drive [SHAHPUR]	12/13/2020
56	Human Rights webinar	12/10/2020
57	Seminar on machine learning Seminar	12/1/2020
58	Blood donation drive [NASHIK]	11/30/2020
59	26th tribute to martyrs	11/26/2020
60	Sanvidhan Divas program YouTube session	11/26/2020
61	Blood donation drive [SION]	11/22/2020
62	Vegan outreach webinar	11/20/2020
63	Balasaheb Thackeray Smrutidin	11/17/2020
64	Diwali celebration Diya Rangoli Competition	11/14/2020
65	Blood donation drive [THANE]	11/11/2020
66	Blood donation drive [KURLA]	10/31/2020
67	Blood donation drive [KALYAN]	10/25/2020
68	Road safety workshop online program	10/24/2020
69	Navratri Utsav by MESA	10/21/2020 to 10/22/2020
70	"Meme War" • Meme making competition	10/17/2020
71	Navratri celebration	10/17/2020
72	Bee the lead You are a Leader webinar	10/17/2020
73	Food donation drive	10/16/2020
74	Global Handwashing Day	10/13/2020
75	Taare Zameen Par webinar	10/10/2020
76	Picturesque "Photography Competition" by MESA	10/3/2020
77	Gandhi Jayanti Cleanliness drive	10/2/2020
78	Indian Air Force day webinar	10/2/2020
79	Gandhi Jayanti Celebration	10/2/2020
80	Bhajan Sandhya 2020	10/2/2020
81	Organ donation webinar	9/26/2020
82	NSS day HARSHOTSAV	9/24/2020
83	Inter- Collegiate Motivational Song Competition on Anti Covid 19	9/21/2020
84	IPL Cric Battle Quiz	9/19/2020
85	Shayar ke Alfaaz "SHAYARI COMPETITION" by MESA	9/18/2020
86	Celebration of "ENGINEERS DAY" by MESA	9/15/2020

Sr No.	Name of Activity	Date from
87	Job opportunities and impact on engineering field due to covid 19	9/15/2020
88	Poem and Essay Writing competition on Hindi divas	9/13/2020
89	Webinar on Mental Wellbeing COVID-19 Crisis	9/12/2020
90	Celebration of "TEACHERS DAY" by MESA	9/5/2020
91	Teachers Day Celebrations	9/5/2020
92	Tribute video for Teacher on teachers day	9/5/2020
93	Teacher day celebration online program on zoom app	9/5/2020
94	Teachers day – Letter to teacher	9/5/2020
95	Ganesh Festival poster making competition	8/30/2020
96	Women Empowerment webinar – Creating women leader	8/26/2020
97	Drawing Competition on Ganesh Utsav	8/23/2020
98	Eco-Friendly Ganapati Murti & Decorations Competition	8/21/2020
99	World Senior Citizen Day	8/21/2020
100	73rd Independence Day	8/15/2020
101	Online singing Competition on Independence Day	8/15/2020
102	Organ Donation Day online program on youtube	8/13/2020
103	International Youth Day	8/12/2020
104	Lokamanya Bal Gangadhar Tilak Smirti Shatabai & Lokashahir Annabhau Sathe Janma Shatabai Samaraho Event	8/1/2020
105	Poster Making Competition on “International Tiger Day”	7/29/2020
106	Webinar On Conservation of national Resources	7/28/2020
107	Kargil Vijay Divas [Video]	7/26/2020
108	Kargil Vijay Divas	7/26/2020
109	Wari Ekach Number	7/22/2020
110	National Flag Day	7/22/2020
111	Webinar series Every gender matter	07/18/2020 - 07/20/2020
112	World population day	7/11/2020
113	World population day essay and poem writing competition	7/11/2020
114	Internal Plastic Bag Free Day [Video]	7/3/2020
115	International Plastic Bag Free Day [Quiz]	7/3/2020
116	Say no to plastic bag making competition	7/3/2020
117	International Doctors Day Webinar	7/1/2020
118	Importance of skill & Entrepreneurship program towards better livelihood	6/30/2020
119	Anti-Drug Awareness Competition	6/26/2020
120	International Widows Day	6/23/2020
121	Heartfulness meditation workshop	06/22/2020 - 06/24/2020
122	Webinar on yoga for emotional balance	6/21/2020
123	Yoga Day	6/19/2020
124	World Enviromental Day Quiz	6/5/2020
125	Whats Next Carrer Opportunities in Civil Engineering Seminar	5/29/2020
126	AUGMENTED REALITY AND VIRTUAL REALITY Seminar	4/3/2020
127	Seminar on IWWA for SE and TE students Seminar	2/12/2020
128	Seminar on IWWA for SE and TE students Seminar	2/12/2020

Sr No.	Name of Activity	Date from
129	Seminar on Study Abroad Seminar	2/4/2020
130	Seminar on Study Abroad for TE and SE Seminar	2/4/2020
131	Seminar on Study Abroad Seminar	2/4/2020
132	Expert Seminar on Trending Technologies for Project Seminar	1/28/2020
133	expert seminar on trending technologies for project Seminar	1/28/2020
134	Machine learning Seminar	1/17/2020
135	Orientation Program for HRM	1/15/2020
136	Social Visit	1/9/2020
137	Garbha Festival	10/10/2019
138	BLOOD DONATION	10/10/2019
139	Bike Modification Seminar Seminar	10/7/2019
140	PTM	10/4/2019
141	National Level Seminar on Cyber Security and Ethical Hacking Seminar	9/30/2019
142	Freshers Party	9/28/2019
143	Teachers Day 2018	9/5/2019
144	Deepotsav Festival	9/5/2019
145	TEACHER'S DAY	9/5/2019
146	ganpati festival	9/2/2019
147	sanitary pads awareness and women in defence	8/28/2019
148	sports activity	8/27/2019
149	GURU PURNIMA	8/27/2019
150	MESA INAUGRATION	8/19/2019
151	Independent day	8/15/2019
152	skill development	8/14/2019
153	Culture activity	8/13/2019
154	Generation of Funds for Sangali and Kolhapur Flood Relief	8/13/2019
155	motivational session	8/9/2019
156	52nd Youth Fest of Mumbai University	8/7/2019
157	Academic process	8/6/2019
158	Value Education	8/6/2019
159	Promotion of Helmet.	8/5/2019
160	Visiting and conducting cultural activity for Prerna Orphanage	8/3/2019
161	zumba dance workshop	8/1/2019
162	Ship building Seminar Technical Talk	7/31/2019
163	Voter Awareness Seminar	7/22/2019
164	Tree Plantation	7/19/2019
165	Entrepreneurship Awareness Bootcamp	7/15/2019
166	Guest lecture on Women empowerment	7/3/2019
167	Kerala Relief Fund Campaign	5/31/2019
168	Workshop on Personality Development	5/7/2019
169	Farewell 2018-19	5/3/2019
170	Expert lecture on Fluid Mechanics Technical Talk	5/3/2019
171	Farewell for 2019 pass out students	4/26/2019
172	Farewell 2019	4/18/2019
173	Farewell	4/17/2019
174	Alumni Meet	4/7/2019
175	Latest Development of Body Engineering Guest Lecture	4/4/2019

Sr No.	Name of Activity	Date from
176	Seminar on Digital Marketing Seminar	4/2/2019
177	Seminar on Internship Opportunities Seminar	4/1/2019
178	Expert Lecture on Thermodynamics Guest Lecture	4/1/2019
179	Expert Lecture on Mechatronics Guest Lecture	3/23/2019
180	Holi Celebration 2019	3/20/2019
181	Expert Lecture on "Avionics of Aeroplane and career avenues in aviation" Guest Lecture	3/18/2019
182	survey project camp	3/11/2019
183	Women's Day 2019	3/8/2019
184	Seminar on Blockchain Seminar	3/7/2019
185	seminar on Block Chain Technology Seminar	3/7/2019
186	Expert lecture on Digital VLSI Design Guest Lecture	3/5/2019
187	Scribble it down	3/1/2019
188	BLOOD DONATION CAMP	3/1/2019
189	Nakshatra	2/28/2019
190	Alumni meet	2/26/2019
191	Women's Day Celebration	2/22/2019
192	Nakshtra 2019	2/22/2019
193	Drawing Competition	2/21/2019
194	Debate Competition	2/21/2019
195	Debate Competition	2/21/2019
196	international yoga day	2/21/2019
197	Poster Making Activity	2/18/2019
198	blind coding	2/17/2019
199	Rally for Road Safety at Panvel	2/12/2019
200	Utsav 2019	2/11/2019
201	Urban Safari	2/11/2019
202	PTM - Parent Teacher Meeting	2/8/2019
203	Donation to the orphanage	2/8/2019
204	RFP Ride for Pride	2/8/2019
205	Poetry Competition	2/7/2019
206	Poetry Competition	2/7/2019
207	Poetry Competition	2/7/2019
208	Poetry Competition	2/7/2019
209	Seminar on Machine Learning Seminar	2/7/2019
210	FUN FAIR	2/5/2019
211	Theme Release 2019	2/4/2019
212	CIVIQ Seminar	2/4/2019
213	Blood donation Drive	1/31/2019
214	BLOOD DONATION CAMP	1/31/2019
215	Seminar on Microsoft Technologies Seminar	1/30/2019
216	Cleanliness at canteen	1/28/2019
217	GUEST LECTURE ON REFRIGERATION AND AIR CONDITIONING Guest Lecture	1/28/2019
218	republic day Celebration	1/26/2019
219	Republic Day	1/26/2019
220	Android Seminar Seminar	1/25/2019

Sr No.	Name of Activity	Date from
221	Seminar on Women Sanitation	1/24/2019
222	Advisory board meeting	1/24/2019
223	Leadership development program	1/24/2019
224	GATE SEMINAR Seminar	1/24/2019
225	Dance Workshop	1/21/2019
226	Networking and Communication using Internet Seminar	1/21/2019
227	Guest lecture on application of motors and gear in Industry Guest Lecture	1/18/2019
228	GUEST LECTURE ON ADVANCEMENT IN AREA OF INDUSTRIAL ENGINEERING Technical Talk	1/15/2019
229	Disaster Management workshop	1/14/2019
230	Disaster Management at A C Patil College	1/13/2019
231	Seminar on Cyber Crime Awareness	1/11/2019
232	MAHARSHTRA RAISING DAY	1/7/2019
233	NSS Special camp at Borimal Pada Villegge	12/21/2018
234	ETSA INDUCTION	10/29/2018
235	Workshop on PCOS/PCOD Women Health Talk	10/11/2018
236	Aptech Machine Learning Seminar	10/11/2018
237	Seminar on "Machine Learning"	10/11/2018
238	Garbha Festival	10/10/2018
239	GUEST LECTURE ON SCOPE OF MECHANICAL ENGINEERING FOR BE STUDENTS Guest Lecture	10/9/2018
240	AI & ML Seminar Seminar	10/8/2018
241	Corporate Chanakya	10/6/2018
242	Seminar on Water Harvesting Techniques	10/5/2018
243	Technical Quiz 2018	10/5/2018
244	Teacher's day celebration	10/5/2018
245	Blood Donation Camp	10/4/2018
246	MAA TUZE SALAM	10/2/2018
247	GROUP DISCUSSION FOR SE STUDENTS	10/2/2018
248	Say No To Drugs Rally	10/1/2018
249	SAY NO TO DRUGS RALLY	10/1/2018
250	NSS Day Celebration	9/29/2018
251	Freshers Party	9/28/2018
252	Road Safety seminar	9/26/2018
253	GUEST LECTURE ON SCHOLARSHIP FOR SC CATEGORIES STUDENTS Guest Lecture	9/25/2018
254	Engineer's Day 2018	9/24/2018
255	Teachers's Day	9/24/2018
256	Crowd Management	9/23/2018
257	Expert lecture & guidance on Importance of site work	9/14/2018
258	Ganpati Festival	9/13/2018
259	Seminar on Project selection	9/13/2018
260	Seminar on Microsoft Azure	9/6/2018
261	Teachers Day 2018	9/5/2018
262	Deepotsav Festival	9/5/2018
263	Teacher's Day Celebration	9/5/2018
264	YIN TALK	9/2/2018

Sr No.	Name of Activity	Date from
265	NSS Orientation 2018	8/28/2018
266	Road Safety Awareness Program	8/26/2018
267	IOT Waste Management seminar Seminar	8/23/2018
268	Seminar on IOT for Waste management	8/23/2018
269	Cleanliness Drive at Saraswati college of engineering Campus	8/20/2018
270	Cleanliness Drive at Post Office, New Panvel	8/17/2018
271	WDL Seminar Seminar	8/16/2018
272	Seminar on "Angular JS"	8/16/2018
273	Independent day	8/15/2018
274	Independence Day Celebration	8/15/2018
275	YIN SAVAD	8/6/2018
276	Visiting and conducting cultural activity for Prerna Orphanage	8/3/2018
277	Tree Plantation	7/30/2018
278	Induction Program of FE Students	7/26/2018
279	Expert lecture on Arduino and Raspberrypi programming Guest Lecture	7/24/2018
280	Project seminar Seminar	7/13/2018
281	FARE WELL 2018	5/4/2018
282	Convocation	5/2/2018
283	Alumni meet	5/2/2018
284	Farewell for BE STUDENTS	4/30/2018
285	Farewell 2018	4/27/2018
286	Expert Lecture on Mechanical Vibration Guest Lecture	4/11/2018
287	YOUTH EXODUS	3/28/2018
288	Foreign study and Internship seminar Seminar	3/13/2018
289	Technitia 2018	3/8/2018
290	International Women's Day Celebration	3/8/2018
291	Cleanliness drive at Kharghar	2/28/2018
292	Marathi Bhasha Din	2/27/2018
293	Utsav 2k18	2/23/2018
294	Road Safety Awareness Campaign	2/16/2018
295	Expert lecture on IOT application using Aurdino and raspberrypie" Seminar	2/8/2018
296	Higher Studies Seminar	2/7/2018
297	Women's Sanitation Seminar	2/1/2018
298	Road Safety Awareness Campaign	1/29/2018
299	Expert lecture on Virtual Reality Application Guest Lecture	1/23/2018
300	Soft Skill and personality development	1/22/2018
301	Cyclothon and use of non-conventional Fuel	1/21/2018
302	PRATIDHWANI Alumni ceremony	1/20/2018
303	SEMINAR ON CIVIL SERVICES	1/19/2018
304	FUN FAIR	1/19/2018
305	Bright Business Beginning	1/18/2018
306	Swachha Bharat Survection	1/9/2018
307	Road safety at Nariman	1/4/2018
308	Workshop on " Evoke your Femininity : enhance your flexibility"	1/2/2018
309	7 Days NSS Residential Camp at Borimalpada Village in Khalapur	12/24/2017
310	NSS seven days special camp	12/24/2017
311	Martyr's Day and Constitutional Day	11/26/2017

Sr No.	Name of Activity	Date from
312	Workshop on Leadership	11/4/2017
313	TALOJA GAON SURVEY	10/13/2017
314	WOMEN EMPOWERMENT	10/12/2017
315	seminar on "Cyber security"	10/12/2017
316	International seminar on Artificial Intelligence in wireless Networks Seminar	10/11/2017
317	Expert lecture on measurement and control system Technical Talk	10/10/2017
318	seminar on data structures and its application	10/5/2017
319	Education consultancy seminar	10/4/2017
320	cleanliness drive at Historical place - Kranla Fort	10/2/2017
321	Non Violence Rally	10/2/2017
322	one book one pen donation Charity	9/27/2017
323	GD & technical quiz competition	9/27/2017
324	Expert lecture on Boiling and Condensation Guest Lecture	9/26/2017
325	Blood Donation Camp	9/25/2017
326	Training Program On Transformational Leadership	9/25/2017
327	Blood donation camp	9/25/2017
328	Expert lecture on Future Upcoming Mobile Technologies Guest Lecture	9/23/2017
329	Celebration Of Teachers Day	9/14/2017
330	Teacher's Day Celebrations	9/14/2017
331	ETSA INDUCTION	9/14/2017
332	Aspiring Minds	9/13/2017
333	Java Technology Seminar	9/13/2017
334	seminar on RTOS and its application	9/13/2017
335	Conduction of Cleanliness Drive	9/12/2017
336	Seminar on Machine Learning Seminar	9/8/2017
337	Guest Lecture On Mechanics Of Happiness And Successful Career Guest Lecture	9/7/2017
338	seminar on " Oracle DBA"	9/7/2017
339	Teacher's Day Celebrations	9/5/2017
340	Rally for rivers	9/1/2017
341	Technical Seminar	8/23/2017
342	Project Selection Seminar	8/11/2017
343	Orientation for forming "SCOE Innovators Club"	8/10/2017
344	GATE Seminar Guest Lecture	8/10/2017
345	Cleanliness drive at Kharghar station	8/8/2017
346	Cleanliness drive at Navrang market	8/8/2017
347	NSS orientation programme 2017-2018	8/5/2017
348	Seminar on Arduino and Raspberry Programming Seminar	7/31/2017
349	Guest lecture on Big Data Analysis Guest Lecture	3/29/2017
350	National Seminar on Advances in Communication Seminar	3/22/2017
351	EXPERT LECTURE ON GATE AWARENESS PROGRAM	3/10/2017
352	GATE Exam Awareness Program Technical Talk	3/10/2017
353	Women's Day Celebration	3/8/2017
354	Alumni meet	3/3/2017
355	Expert lecture on "Web Technology"	3/3/2017
356	Workshop On Mechatronics Guest Lecture	3/1/2017

Sr No.	Name of Activity	Date from
357	GUEST LECTURE ON FLUID MECHANICS Guest Lecture	2/28/2017
358	Technitia 4.0	2/27/2017
359	Seminar on Agile Methodology	2/27/2017
360	Street play at SCOE- DRISHTI	2/25/2017
361	Webpage designing	2/17/2017
362	Seminar on "power of Internet"	2/17/2017
363	Debate Competition	2/10/2017
364	Launch of IGBC Student Chapter Technical Talk	2/3/2017
365	Awareness Rally - Voters Day	1/25/2017
366	Seminar On Big data Seminar	1/25/2017
367	GUEST LECTURE ON VIBRATION	1/20/2017
368	Higher Studies Seminar	1/19/2017
369	Youth day celebration	1/12/2017
370	JAMBOREE 4 Technical Event	1/7/2017
371	Seminar on hackathon Seminar	1/6/2017
372	7 days special residential camp at at Palghar	12/21/2016
373	Career Guidance Seminar	12/7/2016
374	Martyrs Day	11/26/2016
375	Expert Lecture on Analog Electronics-I Guest Lecture	11/11/2016
376	Run for Unity	10/31/2016
377	Visit to Bal Sudhar Gruha at South Mumbai	10/31/2016
378	Cracker free Diwali	10/28/2016
379	Soak pit inauguration	10/24/2016
380	Research Talk on Research requirements on Smart City Technical Talk	10/24/2016
381	Swachh Bharat Abhiyan - Mega event	10/23/2016
382	Guest Lecture On Strength Of Materials	10/13/2016
383	Expert Lecture On Future Of Mechanical Sector	10/13/2016
384	Expert Lecture on Data Compression and Encryption	10/10/2016
385	Positive Thinking Seminar	10/8/2016
386	Seminar on "Data warehousing"	10/8/2016
387	Expert Lecture "Intelligent System"	10/7/2016
388	Seminar on Study Abroad Seminar	10/6/2016
389	Seminar on Higher Study Seminar	10/3/2016
390	Expert Lecture on Advances in Antennas Guest Lecture	10/3/2016
391	Seminar on "Android OS"	10/1/2016
392	Survey Project	9/30/2016
393	Guest Lecture On Overview Of Heat Transfer Guest Lecture	9/28/2016
394	Cloud Computing Seminar	9/27/2016
395	Webinar on "Understand what employers want"	9/27/2016
396	Parent Teachers Meeting	9/24/2016
397	Health check up camp and blood donation camp	9/17/2016
398	Blood donation camp at SCOE	9/17/2016
399	Akhand Bharat Rally	9/16/2016
400	Chowpatty Cleanup (Girgaon)	9/16/2016
401	Akhand Bharat Rally	9/16/2016

Sr No.	Name of Activity	Date from
402	Engineer's day celebration	9/16/2016
403	Teacher's day celebration	9/16/2016
404	Teachers Day 2016	9/14/2016
405	Engineers Day 2016	9/14/2016
406	Expert Lecture On Static & Dynamic Force Analysis Guest Lecture	9/14/2016
407	Book Donation at Girgaon	9/4/2016
408	Books/Pens Donation Drive	9/4/2016
409	Red Hat Seminar	9/1/2016
410	Indian Water Works Association Student Chapter Technical Talk	8/31/2016
411	Teacher's Day Celebrations	8/26/2016
412	ETSA INDUCTION	8/26/2016
413	Cloud Computing Seminar	8/24/2016
414	Cloud Computing Seminar	8/24/2016
415	Nurture SE-B	8/23/2016
416	Swachhata Pledge	8/22/2016
417	Independence Day Celebration	8/15/2016
418	Independence day celebration	8/15/2016
419	Expert Lecture On Trends in Communication Guest Lecture	8/10/2016
420	Nurture	8/8/2016
421	Nurture SE-A	8/8/2016
422	Expert Lecture On Project Guidance Technical Talk	7/27/2016
423	Guest Lecture On New Product Development & Project Execution In Me Industry Guest Lecture	7/26/2016
424	Seminar on "Opportunities on Testing"	7/15/2016
425	Research Talk Technical Talk	7/12/2016
426	FUN FAIR	7/10/2016
427	Expert lecture on Circuit Theory and Transmission Lines Seminar	7/10/2016
428	Research Talk Technical Talk	6/5/2016
429	Expert Lecture on Vehicle Dynamics Guest Lecture	5/4/2016
430	Expert Lecture on Fluid Mechanics Guest Lecture	5/4/2016
431	Expert Lecture on Finite element analysis Guest Lecture	4/4/2016
432	Expert Lecture on Mechanical Vibration Guest Lecture	3/31/2016
433	Java Technology	2/8/2016
434	Road safety Rally	1/22/2016
435	Blood donation camp	9/15/2015

2. Title of the Practice: A Journey from Campus to Corporate:

Objective of the Practice

Most of the young people lack the necessary experience and skills to succeed in the market and corporate world.

The skill set that is mostly demanded by recruiters/employers includes Soft skills, domain knowledge expertise, decision making skills, learning skills etc.

We develop these skills set in the students.

Objectives of the practice are

1. To make the students aware of the corporate culture by organising guest lecture, workshops, training
2. To provide requisite guidance ,training and practice session to every student as per their future career interest
3. Enhance students Communication skills through “Soft skills and Personality Development” Courses
4. To Prepare students for Placement
5. Identifying suitable potential employers

The Context

Given the Intense competition in the workplace , possessing employability skills continues to remain vital for the success of our students. Students with good skills tend to adapt to change easily by learning new concepts and methods. Every year eminent companies participate in the campus placements offering profiles that are preferred by students

To enhance these employability skills, SCOE concentrated on developing various qualities in students. These included Communication skills, Leadership, Problem solving ability, teamwork, reliability , planning and organisation., technology friendly and Initiative nature.

To imbibe these qualities in the students was the main task of the Training Cell of our college and accordingly a road map was created to start the journey towards developing these skills.

The training process was decided to be initiated right from 2nd year of graduation to make the students corporate ready. Providing theoretical knowledge along with practical concept of the course with latest development in the relevant core field was the need of the hour which was emphasised along with the soft skills and personality development

The Practice- SCOE beliefs in emphasising following points to enhance employability skills
Staying update with current technology

Keeping abreast of technological changes is paramount to flourish in the industry. Keeping a regular track of the technologies needed is important.

To enhance the skills of students and to expose them to real world challenges we have

1.Huawei-ICT Partnership program-SCOE has signed an MOU with Huawei for Conduction of Technical courses and certification on emerging IT Technologies such as artificial Intelligence ,Cloud computing, Machine Learning, Routing & Switching.

2.Remote Centre of IIT Bombay -SCOE has been identified as Remote Centre of IIT Bombay since 2018. To develop learning abilities of students various workshops on technical subjects are delivered remotely. In addition to the technical subjects , programs like “College to Corporate” are also conducted by IIT using

A-view software

3.Soft skill & Personality Development Program-Syllabus for Employability skills included Interview skills, Professional grooming ,Group Discussion, Debate, Extempore, Role play, Mock Interview, Quiz, Essay writing ,Grammar training ,Essay writing ,Office Etiquette , Resume writing, confidence building are regularly conducted for students from 2nd year itself in soft skills training .”Nurture” is also conducted as an add on course to develop soft skill, communication and personality development.

4.Get acquainted with latest softwares: New trainers are appointed to bridge the gap between industry & institute

5.Guidance from Industry-.MOU’s are signed with various industries like Internshala. Interdisciplinary projects are undertaken so that students will be able to work in a multidisciplinary environment.

6. **Project Competitions (Avishkar)** is conducted for Final year students every academic year

7. **Technical fest** is conducted every year for students to showcase their technical talents in form of conference paper, poster presentation ,various competitions relevant to their field in order to develop their presentation skills

8. International Conference on Science and advances in Technology are conducted every year

9. **Project Based Learning** had been a part of SCOE teaching culture from many years .apart from syllabus students are given various mini project to enhance their practical concept

10. TCS (Ninja/Digital) Placement Drive Preparation-To prepare and provide confidence ahead of the actual TCS Off campus placement drive .Students came to know what kind of questions asks in TCS- technical ,Managerial and HR interview rounds .time management and the process

11. Online-Test Series, Placement Practice session-Aptitude/Technical/GD-To Develop a consistency in their study ,To develop the concept and logic in the field of quantitative aptitude, logical and Reasoning, learnt tricks in solving various quantitative problem Self assessment.

12. Python Training for Third year students are conducted for all branches students regularly with the help of efficient trainers

13. Seminar to create awareness about Opportunities for Mechanical/Civil Engineers in Software/IT industry were conducted

Evidence of SUCCESS

1. Due to the employability skills training , SCOE observed an increased in Placement with approx 83 companies including 23 new MNCs companies like Wipro, TCS, Infosys, Capgemini, Godrej, Accenture visiting the campus for placement

2. TCS has been regularly visiting the campus for placement and there has been a 10 times increase in placed students since 2016.

3. Similarly wipro placement was doubled in 2021,Infosys also saw 3 times more placement since 2016,Capegemini also hired 7 times more students and accenture placement also doubled by the year 2021 .

Overall due to employability skills training SCOE was able to get 5 times more placement as compared to previous years and continuously increasing

4. The average CTC increased upto INR 3.5lakh and Maximum to INR 7.5 per annum for 2021 batch recording a jump of 28.00%.

5. **Study Abroad cell for Higher studies** -Students are also interested in pursuing higher studies abroad. The cell provided the students guidance on various universities courses, documentation, loan guidance, internships etc .The cell has MOUs with specific universities to help students related to internships ,research collaboration and student exchange program. The partners included Ural federation university, Russia, AIMST University, Malaysia, University of Canberra, Australia, Paris France etc.

Problems Encountered -While developing the skills in students we encountered various constraints due to following reasons .The Training cell tried best to overcome the hurdles so as to benefit maximum students

- 1.Poor Communication skill of students as few belongs to vernacular medium
- 2.Lacking Time Management as Academics and syllabus coverage takes the maximum time of the semester
- 3.Studnets Lacking Smartness in attempting Questions to score more than cut off
- 4.lacking stress/anxiety Management
- 5..Gap between the syllabus and industry needs was a major concern as syllabus revision is done by university
- 6.Due to time constraints managing these trainings in regular timetable is difficult
- 7.Identifying and Inviting knowledgeable resource person from corporate world
- 8.Financial constraints of students and institute
- 9.Constraints in getting Internship and providing practical exposure to students in industry
- 10.Not all students are technically sound even after being trained
11. Lack of availability of latest Softwares



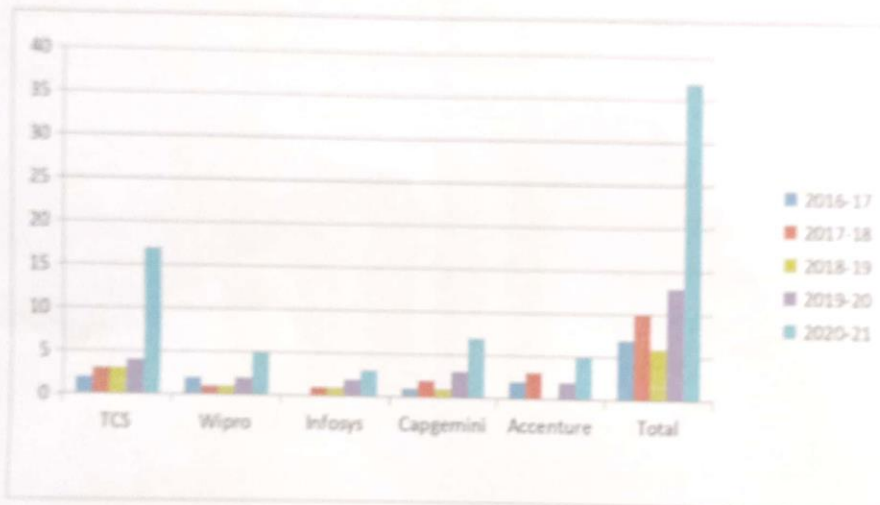
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MNC PLACED STUDENTS DATA

Company Name	2016-17	2017-18	2018-19	2019-20	2020-21
TCS	2	3	3	4	17
Wipro	2	1	1	2	5
Infosys	0	1	1	2	3
Capgemini	1	2	1	3	7
Accenture	2	3	0	2	5
Total	7	10	6	13	37



Rajshri

Training & Placement Officer
Saraswati College of Engineering

[Signature]

Principal
Saraswati College of Engineering

PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai





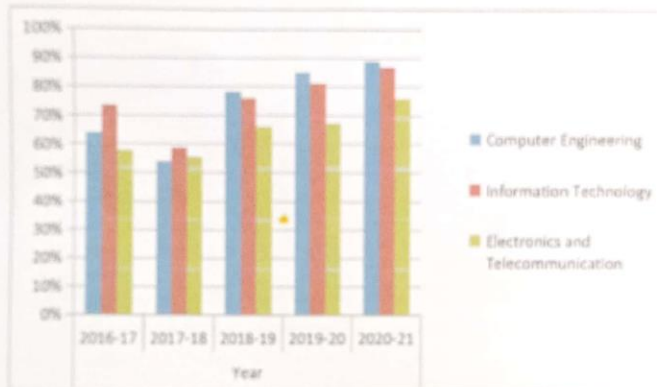
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PLACEMENT PROGRESSION CHART OF COMPUTER, IT AND EXTC BRANCH

Branch	Year				
	2016-17	2017-18	2018-19	2019-20	2020-21
Computer Engineering	64%	54.09%	78.37%	85.00%	89%
Information Technology	73.46%	58.82%	76%	81.33%	87%
Electronics and Telecommunication	57.97%	55.55%	66.19%	67.33%	76%



Rajsteri

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[Signature]

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