

# SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY

VAVANOR, PALAKKAD DIST – 679533

[www.simat.ac.in](http://www.simat.ac.in)



## ANNUAL REPORT – 2019-20



# **SREEPATHYINSTITUTE OF MANAGEMENT AND TECHNOLOGY**

## **VISION**

**“Strive for excellence in generation and dissemination of knowledge.”**

## **MISSION**

- **To mould engineers of tomorrow, who are capable of addressing the problems of the nation and the world, by imparting technical education at par with international standards**
- **To instil a desire in students for research, innovation, invention and entrepreneurship**
- **To strive for creative partnership between the industry and the Institute**
- **To impart the values of environment awareness, professional ethics, societal commitment, life skills and a desire for lifelong learning**





**Dr S P Subramanian**  
**Principal**

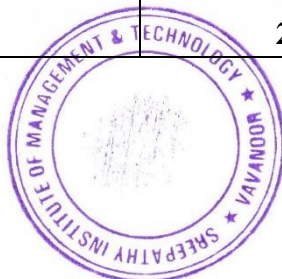
## **Introduction**

This academic year, like every year in the history of our college, is brimmed with curricular and co-curricular activities that set a milestone in our journey ahead. It is a privilege to present this report which documents the activities of Sreepathy Institute Of Management And Technology, Vavanoor for the year 2019-2020. This Annual report presents a holistic view of the academic, student centric support system and administrative mechanisms of SIMAT during the period. The year 2019-2020 witnessed remarkable progress in the academic, co curricular and extracurricular activities in the college along with the development of infrastructural facilities.

## **University Results**

The major achievement was the excellent results produced by our students (2016-20 batch) in the University Examination as indicated below.

<b>Sl No</b>	<b>Branch</b>	<b>No. of Students appeared</b>	<b>No. of students passed</b>	<b>Pass %</b>
1	CE	47	43	<b>91.5</b>
2	CSE	53	52	<b>98.1</b>
3	ECE	31	31	<b>100</b>
4	EEE	24	22	<b>91.6</b>
5	ME	79	75	<b>94.9</b>
<b>Overall</b>		<b>234</b>	<b>223</b>	<b>95.3</b>



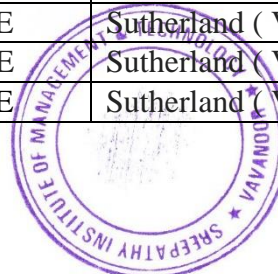
In line with this, most of the other batch students also produced good results at an average of about 90% . It is known that Sreepathy stands among the first 7-8 colleges in terms of results in the University out of around 40 Engineering Colleges which is highly encouraging for a start up college like ours. The faculty and staff team feel proud to provide quality education by equipping our students with skills, confidence and a positive approach with an all round development which is made possible with the financial assistance provided by our management.

## Training & Placement

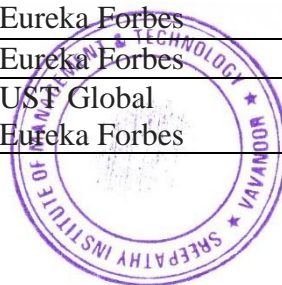
The academic year gone by was a very prospective year for the department. Personality development and communication skill programs have been conducted for their intellectual growth and to inculcate professional competency for the students with full Energy and passion. Similar to last year, the dept. was able to provide top quality outsourced training for various batches in the areas of soft skills, mathematical aptitude etc and has made sincere efforts in sustaining the momentum gained by, via continuous in-house training with the help of a team of dedicated faculties from various departments.

The department has also made some commendable efforts in providing opportunities for the students to take part in various recruitment drives of around 90 plus organisations, via campus/off campus/pooled campus recruitment drives, job fairs etc. The details of few of our students who got placements, are given below

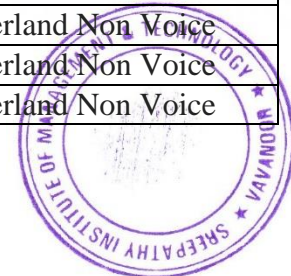
1	Swathy.K	ECE	TCS Sutherland
2	Amrutha Muraleedharan	CE	TCS Sutherland
3	Joel Philip	CSE	Speridian Technologies Eureka Forbes WIPRO
4	Aswathy Rajeev	ECE	Sutherland ( Voice)
5	Ajay Prasanth	CE	Sutherland ( Voice)
6	Megha.V.S.	CSE	Sutherland ( Voice)
7	Sreeranjini.R. Krishnan	ECE	Sutherland ( Voice)
8	Sughesh.C	CSE	Sutherland ( Voice)



9	Vismay Raj	CSE	Sutherland ( Voice)
10	Vineesh.K.P.	ME	Sutherland ( Voice)
11	Megha.M. Nair	ECE	Sutherland ( Voice)
12	Athul.S	EEE	Sutherland ( Voice)
13	Shahla.M.	CE	Infosys Sutherland
14	Gireesh Gopalakrishnan	EEE	Eureka Forbes
15	Sreehari.K.	EEE	Eureka Forbes
16	Sarath.C.	EEE	Eureka Forbes
17	Sandeep. AS	EEE	Eureka Forbes
18	Manu.KM	CSE	Eureka Forbes1
19	Nikhil Scaria	CSE	Eureka Forbes Sutherland
20	Revanish.D.	CSE	Eureka Forbes
21	Gautham Dev	CSE	Eureka Forbes Sutherland
22	Akhil.N.	CSE	Eureka Forbes Sutherland
23	Subin Scaria	CSE	Eureka Forbes Sutherland
24	Jamsheer.P.	CSE	Eureka Forbes Sutherland
25	Sreerag.PV	ME	Eureka Forbes
26	Rahul.KP..	ME	Eureka Forbes
27	Vishnu Prakash.KJ	ME	Eureka Forbes
28	Samson C Moncy	ME	Eureka Forbes Sutherland
30	Rahul.PT.	ME	Eureka Forbes
31	Sarath Sundaran.E.	ME	Eureka Forbes
32	Sarath.PC.	ME	Eureka Forbes
33	Swaroop.CM	ME	Eureka Forbes
34	Surjith.AV.	ME	Eureka Forbes
35	Sachin.S.	ME	Eureka Forbes
36	Sreekanth.V.	CSE	Eureka Forbes
37	Adhil.C	ME	Eureka Forbes
38	Edwin Antony	ME	Eureka Forbes
39	Akshay.A	ME	Eureka Forbes
40	Abhishek Parayil	CSE	Eureka Forbes
41	Sreekrishnan.S.	ME	Eureka Forbes Sutherland
42	Amal Joseph	CE	Eureka Forbes
43	Gokul Krishnan.K.	CE	Eureka Forbes
44	Sivakumar.S.	ECE	UST Global Eureka Forbes



			Sutherland
45	Ramesh.MR.	ECE	Eureka Forbes
46	Vaisakh.KA	ECE	UST Global Eureka Forbes
47	Arun.K.	ECE	Eureka Forbes Sutherland
48	Akhila.T. Vijayan	CSE	WIPRO
49	Raghunath	CSE	WIPRO
50	Krishnaja Surendran	ECE	WIPRO Sutherland
51	Afshan Parvin.T.	ECE	UST Global Sutherland Jobin & Jismi
52	Ranjima Mohan.P	CSE	Infosys
53	Sneha.K.	CSE	Infosys
54	Kavya Babu	CSE	LXI Technologies Ltd
55	Anjali P C	CSE	LXI Technologies Ltd
56	Akhilesh	CSE	LXI Technologies Ltd
57	Sonu.K.Unni	CSE	Sutherland Non Voice
58	Harikrishnan M	CSE	Sutherland Non Voice
59	Deepak B. Raj	ME	Sutherland Non Voice
60	Vijith.T.P.	ME	Sutherland Non Voice
61	Ramachandran A	ME	Sutherland Non Voice
62	Mahesh.M.Nair	ME	Sutherland Non Voice
63	Arshad.KP	ME	Sutherland Non Voice
64	Visak P	EEE	Sutherland Non Voice
65	Vinay NK	EEE	Sutherland Non Voice
66	Abhijith V	ME	Sutherland Non Voice
67	Sreekanth V	CSE	Sutherland Non Voice
68	D.Revanish	CSE	Sutherland Non Voice
69	Mohammed Hashmil	ME	Sutherland Non Voice
70	Sreerag TS	ME	Sutherland Non Voice
71	Sarath Rajagopal	ME	Sutherland Non Voice
72	Anjali Madhusudanan	CSE	Sutherland Non Voice
73	Thushara CS	EEE	Sutherland Non Voice
74	Sreerekha.KR	ECE	Sutherland Non Voice
75	Praveena.N.	CE	Sutherland Non Voice
76	Vaishnavi R	ECE	Sutherland Non Voice
77	Athira V	CE	Sutherland Non Voice
78	Amritha R	CE	Sutherland Non Voice
79	Gayathri S	EEE	Sutherland Non Voice
80	Amritha P	CE	Sutherland Non Voice
81	Jishnu Prasad KT	ME	Sutherland Non Voice



82	Abhay Prakash K	ME	Sutherland Non Voice
83	Gokul Krishnank	CE	Sutherland Non Voice
84	Aswathy K	CSE	Sutherland Non Voice
85	Akshay R	ME	Sutherland Non Voice
86	Nehla EV	CSE	Sutherland Non Voice
87	Sneha S	CSE	Sutherland Non Voice
88	Deephi Prakash	CSE	Sutherland Non Voice
89	Rajula V	CE	Sutherland Non Voice
90	Abhishek KM	ME	Sutherland Non Voice
91	Sonu Kaniath	CSE	Hexaware Technologies Pvt. Limited
92	Shyma	ECE	Jobin & Jismi

### **Induction Program**

A three week Student Induction Programme for the first year B.Tech students (2019 admissions) was held from July 22 to August 9, 2019. This is a mandatory programme for the B.Tech students, and is being organized following the guidelines issued by AICTE and APJ Abdul Kalam Technological University. The programme provided the student with the opportunity to understand the basic requirements of the profession and the course, and facilitated a seamless transition to university education. All students actively participated in the induction programme 2019.

### **Co curricular and extracurricular Activities**

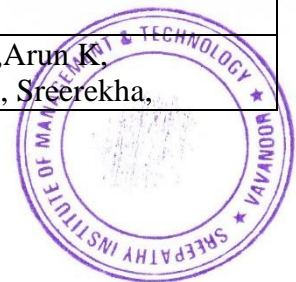
In the co curricular and extracurricular areas more facilities/ opportunities were created during the year. Students were encouraged to participate in the various arts / sports / cultural / technical events both in the college and outside. Many of our students won prizes in these events. Our students have even presented their project topic and technical papers in state level events. The year has also witnessed the glory of securing ranks in university levels by our students thereby enriching the history of academic achievements of SIMAT. The students have also completed various NPTEL Courses.

### **Students achievements**

Sl No	Event, Date and Venue	Achievers

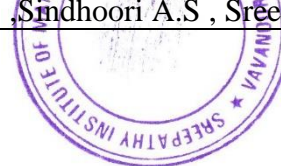


1	Successfully completed internship programme during the month of July 2019.	Almost all the S6 and S4 ECE students
2	Students from S7 ECE cleared the TCS recruitment Test and appeared for interview on 29/08/2019.	Swathy.K and Lejitha.V
3	Students registered successfully for IICDC 2019 with Mr Sebin Sunny P as the Faculty mentor.	6 teams from EEE 2016, 6 teams from EEE 2017 and one team from EEE 2018
4	Students registered for eYantra Robotics competition	6 teams from EEE
5	S7 student placed in TCS	Amrutha Muraleedharan
6	S7 ECE student cleared the TCS exam and interview and got placed at TCS on 13/09/2019.	Swathy
7	Bagged prizes in the SIMAT annual sports meet conducted on 19/10/2019.	Students
8	S7 ECE student MITSOGO interview at their head office at Cochin on 22/10/2019.	Swathy K
9	Won 1st prize in “Robotic Hackathon” held as a part of the IEEE event TRIAC at FISAT, Angamaly.	4 Students from S3 EEE & S5 EEE
10	Got selected for second phase of eyantra robotics competition.	4 teams from S7 EEE
11	Cleared the aptitude test of Speridian placement drive at Jyothi Engineering College on 06/11/2019.	Krishnaja S
12	Gandhi Global Solar Yatra - Solar Student Ambassador Programme on 11/11/2019.	S3 ECE students
13	Communicative English & Life Skill (Cambridge University Assessment) course launched by Advanced Skill Development Center (ASDC) of Sreepathy Institute of Management And Technology with the support of Additional Skill Acquisition Programme (Kerala Government),Google Cloud & UI Path on 11/11/2019	S5 ECE students
14	Robotic Process Automation by UI Path and Architecting with Google Cloud Platform by Google Cloud Communicative English & Life Skill (Cambridge University Assessment) course launched by Advanced Skill Development Center (ASDC) of Sreepathy Institute of Management And Technology with the support of Additional Skill Acquisition Programme (Kerala Government),Google Cloud & UI Path on 11/11/2019	S7 ECE students
15	Cleared the group discussion of Sutherlands placement drive at SIMAT on 14/11/2019.	Swathy K ,Arun K, Sreeranjini, Sreerekha,

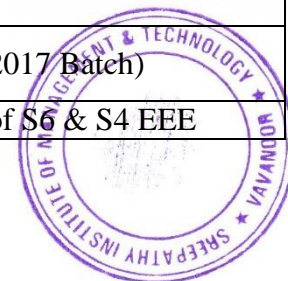




		Aswathi Rajiv, Vaishnavi and Megha of S7 ECE
16	Got placed in Sutherlands placement drive at SIMAT on 14/11/2019.	Swathy K, Sreeranjini, Aswathi Rajiv and Megha
17	Got placed at Eureka Forbes on 11/12/2019.	Arun k, S Sivakumar, Vaisakh K A, Ramesh M.R of S7 ECE
18	S8 student placed in TCS	Amrutha Muraleedharan
19	Students served as students coordinators in 4 day training programme for S2 CSE Students from 06/01/2020 to 10/01/2020	Mr.Joel Philip (2016 Batch) & Mr.Harikrishnan.K(2017 Batch)
20	Students got first, second and third respectively in the event Clementia - Quiz on Basics of C	K.Nandakrishnan, Yesudas.P.Y and Vaishnav.S
21	A presentation on “Innovative Approaches in UI Design” was conducted on 24/01/2020 at 1:00 pm	Mr.Joel Philip (2016 Batch)
22	Event conducted on “Talk on Mental Health” dated 07/02/20	Anjana G. Nair S6 CSE (2017 Batch)
23	Secured 8th position in 1500 m Race Women in KTU Interzone Athletic Meet 2019 -2020 dated 7/02/20	Akhila T. Vijayan S8 (2016 Batch)
24	Professional Students Summit 2020 in the Professional Student Summit 2020 conducted at CUSAT dated 15/02/20	Arjun S. Kumar S6 (2017 Batch)
25	Orientation session on Map & Location Technology organized by IEDC in association with ASDC & Here Maps on 5th February 2020.	Students from S4 CSE (2018 Batch)
26	Google study jam session organized by Google in association with ASDC & IEDC. The programme was conducted as a part of Google Career Readiness Programme offered by Google in SIMAT on 5th February 2020.	Students from S8 CSE (2016 Batch)
27	Got placement in Infosys	Ranjima Mohan P., Sneha K. (2016 batch)
28	Got placement in Hexaware	Sonu K. Unni (2016 batch)
29	Got placement in WIPRO	Akhila T. Vijayan, Joel Philip, Ragunath V.P. (2016 batch)
30	Cleared aptitude test of Hexaware recruitment drive at VAST on 10/02/2020.	AfshanParvin , Athira R Nair , Dhanya K.N , Lejitha V , Mubashira C.V , Ramesh M.R , Reshma M.K , S Sivakumar , Shyma T , Sindhoori A.S , Sreeranjini R



		Krishnan , Swathy K and Vaisak K.A of S8 ECE
31	Got placed in Wipro after the interview held at Sahradaya College Of Engineering & Technology on 10/02/2020.	Krishnaja Surendran of S8 ECE
32	Qualified aptitude and group discussion of UST global recruitment drive held at VAST on 25/02/2020 and their interview on 26/02/2020.	AfshanParvin , Vaisak and Sivakumar of S8 ECE
33	Cleared the exam for certification of fundamentals of digital marketing by Google on 18 July 2020.	Shahin Muhamed, Arjun S. Kumar and Krishnapriya G (S6 CSE)
34	Training program on Introduction to EC2 auto scaling by AWS (16 July 2020)	Krishnapriya G (S6 CSE)
35	2 days internship program in the topic “INTRODUCTION TO MACHINE LEARNING” conducted by Fendra on 21&22 July 2020.	Krishnapriya G (S6 CSE)
36	Completed a Python Programming course on 30 July 2020 conducted by Udemy.	Shahin Mohamed
37	Webinar on 12th July conducted by RedHat Linux.	Harikrishnan P
38	Completed a course Deep Learning for beginners: Neural networks in R studio on 17th July 2020 conducted by Udemy.	Haritha H
39	Participation in webinar series conducted by SIMAT.	22 students of S6 CSE
40	Webinar “Light to Data Science (Overview of Data Science)” on 25th July 2020 conducted by SIMAT Webinar Series – Road to the Future.	Roshan K V of S4 CSE
41	The Classical Dance in the state level Online	Nair Vaishnavi Ravi of S4 CSE
42	NSS Fest PHONIX 2020 Conducted by KTU NSS CELL.	NSS
43	The Online Tech Quiz- #INCLUDE on 2nd July 2020 conducted by CSE Dept. AWH Engineering College, Kuttikkatoor.	Austin Ignatius, Dinoop K V & Roshan K V of S4 CSE
44	Joined Jobin and Jismi Solutions Private limited on 17/07/2020.	Afshan Parvin of S8 ECE
45	Got placement in Jobin and Jismi Solutions Private limited on 29/07/2020 .	Shyma Ali and Sreerekha of S8 ECE
46	Submitted Project Proposal (VISAGE RADAR) – to KTU/CUSAT dated 01/07/2020	Students from S6 EEE (2017 Batch)
47	Four Project Proposals are also submitted to MHRD for funding dated 02/07/2020.	S6 EEE (2017 Batch)
48	Online Project Expo conducted by EEE Dept in	Students of S6 & S4 EEE

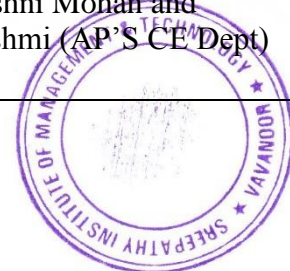


	association with IEDC dated 22/07/2020	
49	Fabricated hands-free foot operated hand sanitizer dispensers to be distributed to nearby schools/ hospitals as a part of Covid Break the Chain campaign.	Varun V V (S6 ME), Akshay Raj & Sachinraj (S4 ME)
50	Received the project funding proposal 'IR Carbide Canon sanctioned by KSCSTE.	Akhil . V. , Yesudas P. Y. HAREESH.R. & Rahul C. P. of 2019 CSE Dept
51	Developed the NSS APP of our NSS Unit 233.	Nandha Krishnan ( along with his team ) of S2 CSE

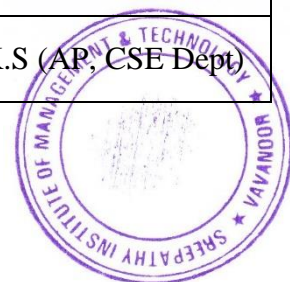
### Staff achievements


Our Faculty Members attended various Seminars/ workshops conducted by well known institutions and some of them presented technical articles. Some have attended webinars and have got the opportunity to serve as coordinators in various state level technical events. Notable among them are

SI NO	Event, Date & Venue	Name of Staff Members
1	Two courses initiated under ASDC (ASAP) 1. Google cloud career readiness programme 2. Robotic process automation - UI pathway	Mr Sebin Sunny P (AP EEE Dept)
2	Google study jam by ASDC (ASAP) Google study jam by ASDC (ASAP) at Sree chitira tirunna college of engineering (TVM).	Mr Sebin Sunny P (AP EEE Dept)
3	One day Workshop on E-Sim by IIT Bombay on 21/09/2019.	Ms.Sushma M (HOD, ECE Dept) Ms.Sreeja P, Mr.Nisanth P, (AP'S ECE Dept)
4	Nominated as facilitators of "Young Innovators program" by K-Disc dated 22/10/19	Mr Sebin Sunny P & Ms Nimisha Ravi (AP'S EEE Dept)
5	Nominated as coordinators of the Institution Innovation Cell approved by MHRD dated 24/10/19	Mr Renjith PC , Mr Rejaneesh R & Mr Sebin Sunny P (AP'S EEE Dept)
6	FDP conducted by NITTR Kolkatha at SREEPATHY	Mr Rajeesh (Lab instructor)
7	Two day workshop by ICFOSS at Trivandrum dated 11/11/2019 & 12/11/2019	Mr Sebin Sunny P (AP EEE Dept)
8	FDP on "Repair and rehabilitation of Structures" conducted at JEC Cheruthuruthy, Thrissur from 02/12/2019 to 06/12/2019.	Mrs.Roshni Mohan and Ms.Durgalakshmi (AP'S CE Dept)

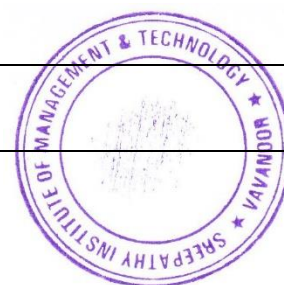


9	FDP on “ Sustainable advancements in concrete and geotechnology” conducted at NSS palakkad from 05/12/2019 to 06/12/2019.	Mr.Azmil Bani (AP CE Dept)
10	FDP on applications of advanced mathematics in Engineering at Vidya academy of science and technology from 05/12/2019 to 06 /12/2019.	Ms.Sreebala P (AP ECE Dept)
11	FDP on STTP on Simulation & Modelling of Electronic Systems at GEC Thrissur from 09/12/2019 to 13/12/2019.	Ms.Anjali Ananthan (AP ECE Dept)
12	Department of ECE, FDP on Fundamentals of FPGA based system at GEC Thrissur from 16/12/2019 to 21/12/2019.	Ms.Sreeja P & Mr.Nisanth P (AP ECE Dept)
13	FDP on Robotics , Automation and hands on training on Arduino at MES college of Engineering from 16/12/2019 to 20/12/2019.	Mr.Suges M.S (AP ECE Dept)
14	Co-ordinated 4 day training programme for S2 Batch A Students from 06/01/20 to 10/01/2020	Ms. Sreeshma K (AP CSE Dept)
15	Served as the invited speaker From General Education Department Officials in GV HSS, Ottappalam (for deaf and dumb)on 24/01/2020	Mr. Saneesh P.S (AP CSE Dept)
16	Co-ordinated the following In- House seminar sessions on behalf of ISTE 17/01/20 — Repair and Rehabilitation of structures 24/01/20 — Introduction to PSpice 31/01/20 - Fundamentals of FPGA	Ms. Aparna M (AP CSE Dept)
17	Co-ordinated the various events on behalf of Clementia	Mr. Jayanthan K.S (AP CSE Dept)
18	Served as the resource persons in the PC Assembling workshop held on 23/01/2020	Mr. Saneesh P.S. , Ms.Rajitha M.R., Mr. Majo Johnson
19	Served as the resource persons in the PC Assembling workshop held on 04/02/2020	Mr. Saneesh P.S. , Ms.Rajitha M.R., Ms. Dhanya T.N.
20	Google study jam session organized by Google in association with ASDC & IEDC dated 05/02/2020	Mr. Ganesh P(HOD CSE Dept) & Mr. Jyothis K.P (AP, CSE Dept)
21	Talk on Mental Health by Anjana G.Nair dated 07/02/20	Mr. Jayanthan K.S (AP, CSE Dept)

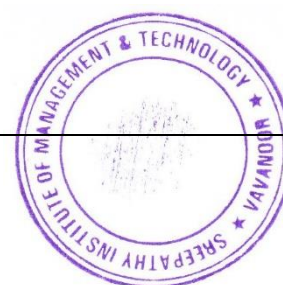


22	Presented their area of research representing Group No. 1 dated 14/02/2020	Mr. Ganesh P(HOD CSE Dept) Mr. Jayanthan K.S, Ms. Hima G (AP'S, CSE Dept)
23	Completed course in Differential Equations for Engineers from The Hong Kong University of Science and Technology through COURSERA  Completed course in Influencing People from University of Michigan through COURSERA	Mr. Praveen Kumar K (HOD ME Dept)
24	Webinar on “Five Elements” organized by JCI Palgat	Mr. Syam Prasad G (AP ME Dept)
25	Webinar on “How to Score Better in the Examinations” organized by Ahalia School of Engg & Technology	
26	Online training on “Basics of COVID-19 (Malayalam Course)” organized by Dept of Personnel & Training, Govt of India	
27	Completed online courses in Excel Skills for Business: Essentials, Digital Manufacturing & Design, Air Pollution – a Global Threat to our Health through COURSERA.	Mr. Praveen Kumar K (HOD ME Dept)
28	Online class on Combustion in IC Engines, Introduction to Vibrations, Dimensional Analysis, Gas Turbine fundamentals & Laplace Transform organized by APJKTU and ASAP Kerala	
29	Completed online courses in Mindshift: Break Through Obstacles to Learning & Discover Your Hidden Potential, Digital Manufacturing & Design, Managing the Company of the Future, Learning How to Learn & Work Smarter, not Harder: Time Management for Personal & Professional Productivity through COURSERA	Mr. Syam Prasad G (AP ME Dept)
30	Online training on “The Sunrise in You” organized by JCI Palghat & JCI Bangladesh	
31	Online training on “Be the Bolt in Your Race” organized by JCI Palghat & JCI Bangladesh	

32	Online training on “Miracles Need Plans Too” organized by JCI Palghat & JCI Bangladesh	
33	Online training on “Different Strokes for Different Folks” organized by JCI Palghat & JCI Bangladesh	
34	Webinar on “ Simulation driven design and optimization using Altair Hyperworks” Organized by Altair Webinar	
35	Webinar on Why students and start ups must be aware about intellectual property rights? ” Organized by KTU-ACISA	Mr. Krishnan K N (AP Me Dept)
36	Webinar on “How AI is helping to build intelligent automotive solutions? ” Organized by KTU-ACISA	
37	Online training on “Be the Bolt in Your Race” organized by JCI Palghat & JCI Bangladesh	
38	Online training on “Miracles Need Plans Too” organized by JCI Palghat & JCI Bangladesh	Mr. Sarath S (AP Me Dept)
39	Online training on “Different Strokes for Different Folks” organized by JCI Palghat & JCI Bangladesh	
40	Three days online FDP on “Active Learning Methodology” during 22/05/2020-24/05/2020, Organized by Dumka Engineering College, Dumka Jharkhand	
41	One day National webinar on “Characteristics of an Excellent Teacher in Today’s Context” on 21/05/2020, organized by IQAC of Baslios Mathews College of Engineering	Mr. Praveen Kumar K (HOD ME Dept)
42	Webinar on Outcome Based Education on 13/05/2020, organized by St. Thomas College and Kerala State Higher Education Council	
43	Webinar on Outcome Based Education on 13/05/2020, organized by St. Thomas	



	College and Kerala State Higher Education Council	
44	Completed courses on Mindshift: Break Through Obstacles to Learning & Discover Your Hidden Potential, Digital Manufacturing & Design, AI for Everyone, Digital Thread: Components through COURSERA	
45	Three days online Short Term Training Program on “STATE OF THE ART PRACTICES IN TRANSPORTATION ENGINEERING” organized by JYOTHI ENGINEERING COLLEGE	Ms. Aswathy P G (AP CE Dept)
46	7 days online FDP on “NBA ACCREDITATION PROCESS “ organized by MEA ENGINEERING COLLEGE	Mr. Azmil Bani (AP CE Dept)
47	Online two weeks international short term training program organized by KDK college Nagpur in association with ASCE-ISWR	
48	The project submitted to Sigma compendium by Dr. K T Madhavan & Dileepan V M is reopened for further modifications and for funding proposal by Sebin Sunny P	Dr. K T Madhavan Mr. Dileepan V M Mr. Sebin Sunny P
49	Following proposals submitted to MHRD 1. Visage Radar 2. Helmet Detection 3. Smart Aquaponics 4. Portable Soil Analyzer	Mr. Sebin Sunny P (AP EEE Dept)
50	Conducted a meeting with Adv. Sabu P Joseph (High Court) to initiate IPR process for Solar Hydro Cooking	
51	A webinar conducted on Solar Home system Design	Mr. Renjith P C (AP EEE Dept)
52	Five days online FDP on “Bio-Energy: Technologies & Transitions” during 03/06/2020-07/06/2020, Organized by NIT K, GEC Bikaner under TEQIP-III	Mr. Praveen Kumar K (HOD ME Dept)
53	Completed course on Introduction to Thermodynamics: Transferring Energy from	

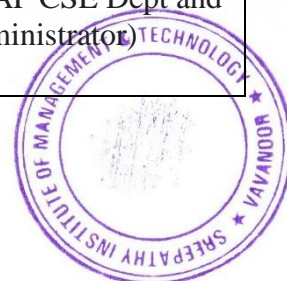


	Here to There through coursera platform	
54	Completed course on Matrix Algebra for Engineers through coursera platform	
55	Completed course on Ferrous Technology I through coursera platform	
56	Completed course on Mindshift: Break Through Obstacles to Learning & Discover Your Hidden Potential through coursera platform	Mr. Syam Prasad G (AP ME Dept)
57	Completed course on Digital Manufacturing & Design through coursera platform	
58	Completed course on Introduction to Engineering Mechanics through coursera platform	Mr. Sarath S (AP Me Dept)
59	Actively to conduct the webinar series	Mr. Sreekanth E M (AP CE Dept)
60	Acquired the E-certificate from Spoken Tutorial Project, at IIT Mumbai, funded by the National Mission on Education through ICT, MHRD, Govt. of India for appearance to the objective test on C/CPP programming conducted on 14th March 2020 and based on the performance, appearing to the CPP MOOC from 6th April to 25th April, 2020.	Mr. Ganesh P (HOD CSE Dept)
61	Got the certificate on 7th July 2020 for the participation in the HC Online sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation cell, New Delhi to promote innovation, IPR Entrepreneurship and start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.	
62	Live session on the topic PYTHON FOR MACHINE LEARNING by the speaker Mr. Bharani Akella. Great learning academy on 27th July 2020. Live session on the topic A non-Turing Model of Computation by the speaker Dr. Nithin Saxena, Professor, Department of Computer Science and Engineering, IIT Kanpur on 29th July 2020 as part of	

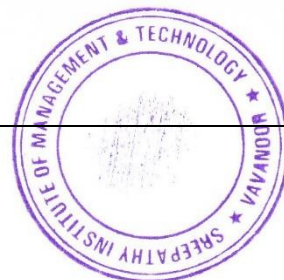




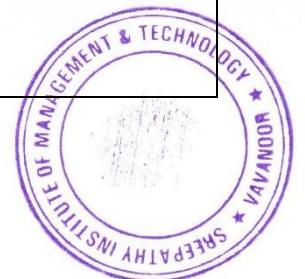
	week16:NPTEL`Special Lecture Series.	
63	Live sessions on topic Journey from fresher to executive- what are the success criteria by the speaker Mr. Prakash Somani , Executive director, Cloud Migration and transformation services , IBM on 30th July 2020 as a part of week 16 :NPTEL Special lecture series.	
64	Online FDP ‘Machine Learning Techniques for BCI Applications’ on 30th July 2020-1st August 2020 conducted by Karunya Institute of Technology and Science, Coimbatore.	Jayasree N Vettath (AP CSE Dept)
65	The webinar ‘Energy Auditing’ on 29th July 2020 organized by NSS Unit 233, SIMAT	Mr. Ganesh P (HOD CSE Dept) Jayasree N Vettath (AP CSE Dept)
66	The webinar ‘Unlock the Pandemic Days with Machine Learning!’ On 28th July 2020 organized by SIMAT Webinar Series – Road to the Future	Mr. Ganesh P (HOD CSE Dept) Jayasree N Vettath (AP CSE Dept)
67	The webinar ‘Let's See, How Computers See! (A Gentle Intro to Computer Vision)’ on 20th July 2020 organized by SIMAT Webinar Series – Road to the Future	Mr. Ganesh P (HOD CSE Dept)
68	The webinar ‘Light to Data Science (Overview of Data Science)’ on 25th July 2020 conducted by SIMAT Webinar Series – Road to the Future	Mr. Ganesh P (HOD CSE Dept) Jayasree N Vettath (AP CSE Dept)
69	The webinar ‘What makes one a technologist/ Engineer?’ On 12th July 2020 conducted by SIMAT Webinar Series – Learn The Rope	Mr. Ganesh P (HOD CSE Dept) Jayasree N Vettath (AP CSE Dept)
70	The webinar, ‘Engineering Education made easy with Visual Learning: Online Classrooms and E-Platforms’ on 12th July 2020 conducted by Agimus Technologies, Bangalore	Mr. Ganesh P (HOD CSE Dept)
71	The webinar ‘RHCSA Orientation’ on 27-07-2020 organized by IEDC, SIMAT	Mr. Ganesh P (HOD CSE Dept)
72	Webinar - Mental Health in Youth And COVID-19 Awareness on 01-07-2020 organized by IEEE SIMAT SB	Mr. Saneesh P.S (AP CSE Dept and System Administrator)



	(Technical Desk Head )	
73	Webinar - How to Do a Paper Presentation? on 02-07-2020 organized by IEEE SIMAT SB (Technical Desk Head, Staff Coordinator)	
74	Despedida 2k20 - Online Farewell on 04-07-2020 organized by S8 ECE 2016- 2020 Batch	
75	Webinar - Engineering Education in Post Covid Era- Opportunities and Challenges for Faculties on \ 09-07-2020 organized by IEEE Malabar Sub Section & IEEE Malabar Hub (Participant)	
76	Webinar - What makes one a technologist/ Engineer? On 12-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)	
77	Webinar - Digital Identity on 15-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)	
78	Webinar - Open Idea Open Imagination on 16-07-2020 organized by IEEE Malabar Sub Section & IEEE Malabar Hub (Participant)	
79	Webinar - Web Security on 18-07-2020 organized by IEEE CS Kerala Chapter (Participant)	
80	Webinar - Let's See, How Computers See! on 20-07-2020 organized by Sreepathy Institute of Management & Technology (Resource Person & Technical Desk Head)	Mr. Saneesh P.S (AP CSE Dept and System Administrator)
81	Webinar - Gsuite for Education on 21-07-2020 organized by St. Joseph College (Bangalore) faculty Ms. Deepika Sudeep (for staffs who were her friends) (Invited Speaker)	



82	Webinar - Block chain Technology on 23-07-2020 organized by IEEE Malabar Sub Section & IEEE Malabar Hub (Participant)
83	Webinar - Dive into Bigdata on 23-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)
84	Webinar - Light to Data Science on 25-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)
85	Webinar - Cyber Threat Intelligence on 25-07-2020 organized by IEEE CS Kerala Chapter (Participant)
86	Webinar - How to Become Employable Under the Current Indian Scenario? on 26-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)
87	Webinar - RHCSA Orientation on 27-07-2020 organized by IEDC, CSED. (Staff Coordinator)
88	Webinar - Help Systems Automate on 27-07-2020 organized by Bulwark Technologies, Bangalore (Participant)
89	Webinar - Fighting Fraud on 27-07-2020 organized by IEEE CS Kerala Chapter (Participant)
90	Webinar - Unlock the Pandemic Days with Machine Learning On 28-07-2020 organized by Sreepathy Institute of Management & Technology (Resource Person & Technical Desk Head)
91	Webinar - Energy Auditing on 29-07-2020 organized by NSS Unit, Sreepathy Institute of Management & Technology



	(Host)	
92	Webinar - COVID scams, state-sponsored scans, and app bans: Recent developments in Cybersecurity on 29-07-2020 organized by IEEE CS Kerala Chapter (Participant)	
93	Webinar - What awaits a Fresher Abroad? On 30-07-2020 organized by Sreepathy Institute of Management & Technology (Technical Desk Head)	
94	Webinar - Communication and Professional Networking in the COVID era on 30-07-2020 organized by IEEE Malabar Sub Section & IEEE Malabar (Participant)	
95	Completed the Diploma in Robotic Process Automation under UI path academy on 29/07/2020.	<u>Mr.Sugesh M.S (AP ECE Dept)</u>
96	<b>Coordinated the Uipath academic alliance under IEDC, KSUM ,IIC on 29/07/2020.</b>	
97	A 5-day online workshop organized by AICTE on Universal Human Values from 18/07/2020 to 22/07/2020.	Ms. Sushma M (HOD ECE Dept)
98	Co-ordinated an Online workshop on “G Suite Education” for teachers of SDVHSS Peramangalam. 50 teachers are in the workshop.	Mr Sebin Sunny P (AP EEE Dept)
99	Conducted an Online workshop on Robotics for Plus two students.	
100	Conducted a Workshop on “Solar Home System Design” for Plus Two students.	Mr. Renjith P C (AP EEE Dept)
101	an Online National Boot Camp on RPA	Mr Sebin Sunny P (AP EEE Dept)
102	Conducted a Webinar on “Energy Audit” as a part of NSS Community Development Program.	Mr. Renjith P C (AP EEE Dept)
103	An “Aurdino” Workshop is Conducted for Plus Two Students.	Mr Sebin Sunny P (AP EEE Dept)
104	AICTE sponsored one week online short-	Mr. Praveen Kumar K (HOD ME)

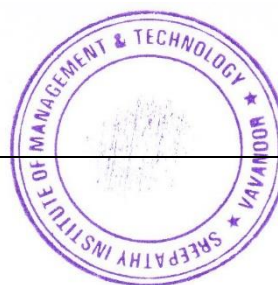


	term training program on “Recent Trends on Hybrid and Electric Vehicle Technologies (RTHEVT-2020)”, during 6th to 11th July 2020, organized by MVGR College of Engineering.	Dept)
105	TEQIP-III sponsored online STC on “Hybrid Manufacturing Processes Opportunities and Challenges” (HMPOC-20) conducted during 6th to 10th July 2020 by NIT Jalandhar.	
106	Faculty Development Webinar on “Modern Control System for Industrial Application” (NFDWMCSIA) on 9th July to 11th July 2020 organized by Dumka Engineering College.	
107	Webinar “Application of PCM Nanofluids in Thermal Power Plants” organized by Francis Xavier Engineering college, on 08/07/2020.	
108	Appointed as District Program Officer.	Mr. Syam Prasad G (AP ME Dept)

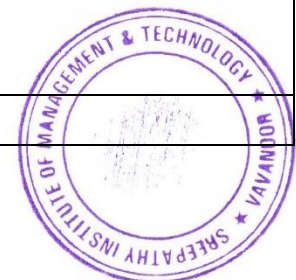
## College activities

Some of the major events held in the college during 2019-2020 are tabled below.

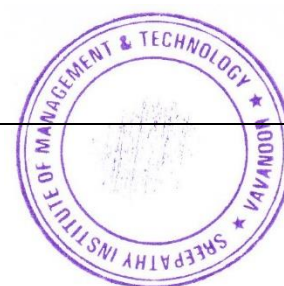
SI NO	EVENT	ORGANISED BY
1	International Day Against Drug & Illicit Trafficking	IEDC, NSS UNIT & ADMISSION CELL of SIMAT
2	Solar Yatra Saraswathy Vidya Nikethan CBSE Senior Secondary School	
3	Solar Yatra Chinmaya Vidyalaya, Kaledathur	
4	GHSS Mezhatthur	
5	Solar Yatra AWH College of Science & Technology, Anakkara	
6	Solar Yatra	



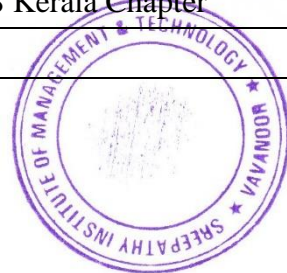
	GHSS Pattambi		
7	Solar Yatra Govt. Higher Secondary School- Peringode		
8	Solar Yatra Govt. Boys HSS, WKY		
9	Solar Yatra Sarvodayam VHSE		
10	Solar Yatra VHSE, Desamangalam		
11	Solar Yatra HSS Sreekrishnapuram		
12	Solar Yatra MI Girls HSS, Ponnani		
13	Solar Yatra HSS, Paradur		
14	Solar Yatra Dr. K B Menon Memorial HSS		
15	Solar Yatra HSS, Desamangalam		
16	Solar Yatra GMRS Wadakkancherry	IEDC, NSS UNIT & ADMISSION CELL of SIMAT	
17	Solar Yatra GHSS, Vadanamkurishi		
18	Solar Yatra St Theresas HSS Shoranur		
19	Solar Yatra St Teresa's HSS Shoranur		
20	GHSS, Iumbliyam, Valancherry		
21	Solar Yatra VHSS, Valancherry		
22	Solar Yatra HSS, Varavoor		
23	Webinar - How to move sustainably		SIMAT



24	Webinar - Student onboarding Coursera		
25	Webinar - LinkedIn: An introduction to professional network		
26	Webinar - Application of nano cementitious materials in concrete		
27	Webinar - Supercapacitor energy storage systems		
28	Webinar - Introduction to MEP		
29	Webinar - Land subsidence in India		
30	Webinar - Crypto Brain: Basics of hypnosis and interactive mentalism		
31	Webinar - Failure analysis of metallic materials		
32	Webinar - Google cloud online study Jam		
33	Webinar - Robotic fundamentals		
34	Webinar - Public transport post covid-19		
35	Webinar - Image processing basics with Python open CV		
36	Webinar - Robotic process automation onboarding webinar		
37	Webinar - Coding - a basic skill		
38	Webinar - G-Suite for education		
39	Webinar - Virtual labs (exclusively for Sreepathy)		
40	Webinar - Solar home system design		
41	Webinar – Block chain - an introductory session		SIMAT
42	Webinar - Demystifying IoT		
43	Webinar - Building an innovative ecosystems under Atal tinkering labs		

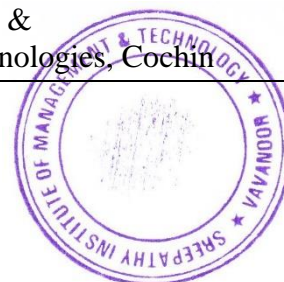


44	Webinar - Collaborative typesetting using LaTeX	
45	Webinar - Reimagining education	
46	Webinar - What Industry expects from you	
47	Webinar - Virtual labs	
48	Webinar - Academics beyond Btech	
49	Webinar - An overview of IPR	
50	Webinar - Introduction to Robotic Process Automation	
51	Webinar - Introduction to Data Science in Python	
52	Webinar - Python: DJANGO	
53	Webinar - Fundamentals of Google Cloud	
54	Webinar - Post COVID Job Scenario	
55	Webinar - Preparing for multiple careers	
56	Webinar - Project Ideation and Development	
57	Webinar - Mental Health in Youth And COVID-19 Awareness	IEEE SIMAT
58	Webinar - How to Do a Paper Presentation?	
59	Despedida 2k20 - Online Farewell	SIMAT & S8 ECE 2016- 2020 Batch
60	Webinar - Engineering Education in Post Covid Era- Opportunities and Challenges for Faculties	IEEE Malabar Sub Section & IEEE Malabar Hub
61	Webinar - What makes one a technologist/ Engineer?	SIMAT
62	Webinar - Digital Identity	
63	Webinar - Open Idea Open Imagination	IEEE Malabar Sub Section & IEEE Malabar Hub
64	Webinar - Web Security	IEEE CS Kerala Chapter
65	Webinar - Let's See, How Computers See!	SIMAT





66	Webinar - Gsuite for Education	SIMAT & St. Joseph College (Bangalore)
67	Webinar - Block chain Technology	IEEE Malabar Sub Section & IEEE Malabar Hub
68	Webinar - Dive into Bigdata	SIMAT
69	Webinar - Light to Data Science	SIMAT
70	Webinar - Cyber Threat Intelligence	IEEE CS Kerala Chapter
71	Webinar - How to Become Employable Under the Current Indian Scenario?	SIMAT
72	Webinar - RHCSA Orientation	IEDC & CSED.
73	Webinar - Help Systems Automate	SIMAT & Bulwark Technologies, Bangalore
74	Webinar - Fighting Fraud	IEEE CS Kerala Chapter
75	Webinar - Unlock the Pandemic Days with Machine Learning	SIMAT
76	Webinar - Energy Auditing	NSS UNIT SIMAT
77	Webinar - COVID scams, state-sponsored scams, and app bans: Recent developments in Cyber security	IEEE CS Kerala Chapter
78	Webinar - What awaits a Fresher Abroad?	SIMAT
79	Webinar - Communication and Professional Networking in the COVID era	IEEE Malabar Sub Section & IEEE Malabar
80	FDP on MOODLE	IEDC SIMAT
81	IIT, Mumbai Remote Centre	
82	KDISC (Kerala Development and Innovation Strategic Council) Centre	
83	IIT Madras identified Sreepathy College as one of the ACTIVE SWAYAM – NPTEL Local Chapters	
84	Awarded Mr. Sebin Sunny.P as the Regional Mentor of Change (MoC) award	
85	A 4 day training Programme on C, C++	Clementia, IEDC SIMAT, IIT Bombay & Classiq technologies, Cochin



86	SIH 2020	IEDC SIMAT
87	HERE Maps	Advanced Skill Development Centre SIMAT IEDC SIMAT & ASAP Kerala
88	Google ACE	Google & IEDC SIMAT
89	Arduino Workshop	IIT Bombay & IEDC SIMAT
90	Motivational Seminar	Association of EEE Blitzkrieg & IEDC SIMAT
91	FDP on MOODLE	IEDC SIMAT & ICFOSS
92	Workshop on National Innovation and Start-up Policy	IEDC SIMAT, ISTE & Institution's Innovation Cell
93	FDP on C/C++	IEDC SIMAT & IIT Bombay Remote Centre
94	Add-on course in Arduino	IEDC SIMAT, ICFOSS & IIT Bombay Remote Centre
95	National Science Day 2020	SIMAT
96	FOSSEE Proponent Symposium	IIT Bombay
97	FOSSEE Club	IIT Bombay
98	Fight Corona Ideathon	AICTE & MHRD
99	Leadership Talk Series	IIC & MHRD
100	Emergency Commodity Android Application	First Year CSE Students & IEDC SIMAT
101	Android App for Covid Awareness	IEDC SIMAT
102	Coursera Campus Learning Programme	FOSSEE Club IEDC SIMAT & Coursera



## **Innovation & Entrepreneurship Development Center (IEDC)**

Innovation & Entrepreneurship Development Center (IEDC) was established in Sreepathy Institute of Management And Technology (SIMAT) in 2015. IEDC is a separate center with financial support from Kerala StartUp Mission (KSUM). The club was also recognized and supported by Directorate of Industry and Commerce, Government of Kerala(DIC, Palakkad). The major activities carried out under IEDC in 2019-20 are listed below:

- Amazon sanctioned AWS academy at SIMAT with Mr. Sebin Sunny as the SPOC
- Mr. Sebin Sunny P attended the SPOC felicitation workshop by NPTEL at IIT M and received the ACTIVE SPOC certification.
- Mr. Sebin Sunny P attended “e-SIM” coordinators workshop at IIT Bombay.
- IIT Bombay sanctioned the lab migration project to migrate electronic circuits lab to IIT Bombay
- Mr. Sebin Sunny P selected as the Nodal Center Coordinator of Advanced Skill Development Center.
- A workshop on “Linux” was conducted by IIT Bombay at SIMAT on 9/08/2019 and 23/08/2019.
- Mr. Sebin Sunny P delivered an awareness talk on “Innovation & Entrepreneurship” for all staffs of SIMAT on 20/09/2019
- A workshop on “e-SIM” was conducted by IIT Bombay at SIMAT on 21/09/2019.
- Advanced Skill Development Center (ASDC) of SIMAT launched three different courses with the support of Additional Skill Acquisition Programme (Kerala Government), Google Cloud & UI Path. The courses were launched during the course launch event conducted by Innovation & Entrepreneurship Development Center of SIMAT on 11/11/2019.
- I AM Startup Studio - an innovative campus learning programme through vibrant campus ambassadors was inaugurated at SIMAT with the support of Kerala StartUp Mission and Maker Village, on 13/11/2019.
- A workshop in R Programming for faculty members was conducted on 9/11/2019. The program was organized by IIT Bombay
- Mr. Sebin Sunny P was selected as Regional MoC (Kerala State) by Niti Aayog
- Mr. Sebin Sunny P & Hafis P V were awarded Elite Academician by DST, IIM Bangalore & Govt. of India.
- Mr. Sebin Sunny P was selected as jury for the National level competition - IICDC 2019
- Mr. Sebin Sunny P was awarded Exemplary Mentor of Change for the month of December 2019 by Niti Aayog & Atal Innovation Mission.
- Mr. Sebin Sunny P attended Google study jam & coordinators meeting conducted at Adi Shankara Institute of Science & Technology, Kalady.

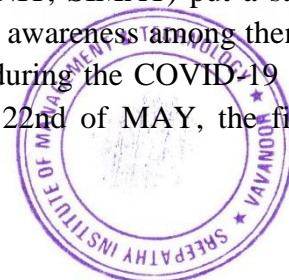


- Mr. Sebin Sunny P attended coordinator's workshop conducted at IIT Bombay on 16/01/2020..
- Conducted an internship for students based on spoken tutorial for CSE students on 18/01/2020.
- Initiated an MoU with Cyberdome, Kerala Police with cyber security as the focus area and officially completed the MoU with 3gpIrs PVT. Ltd to provide training to students on 20/01/2020.
- Live streamed India Leadership Talk Series on 03/04/2020 and 04/04/2020 organized by IIC, MHRD through SIMAT channels which can be directly accessed by students and faculty members.
- An application by first year students was launched with the support of IEDC to create covid awareness and updates
- IEDC launched Coursera for campus platforms with 4500 courses which can be freely accessed by the students..
- An android application to provide live webinars of Additional Skill Acquisition Programme, Kerala Start Up Mission & IIC was launched in April 2020
- Launched RPA course in association with ASDC & UI Path in April 2020
- Completed ACE programme successfully with the support of Google in April 2020.
- With the support of NIT K, Virtual Labs was popularized among the students in April 2020.
- Revamped and launched NPTEL application which witnessed 75K downloads and got featured by Google in the most trending Apps in April 2020.
- IEDC team Actively participated in the Webinar series conducted by SIMAT during the lockdown period.

## **National Service Scheme (NSS) activities**

SIMAT believes in the spirit of community service and idea of caring for the welfare of society that is critical for the ultimate well-being of the individual. The NSS embodies these principles and has a technical Cell Unit (No:233) on our campus and through its activities help us in serving the community.

Being a part of the Break The Chain Campaign the NSS Unit placed awareness posters and hand wash inside the college campus and nearby Restaurants, Hotels, Tea shops, Bakeries etc. Few volunteers gave an idea to the community about the virus and precautions to be done in order to reduce the chance of spread. Mr. Syam Prasad G (PO NSS UNIT, SIMAT) put a start to the campaign by giving sanitizers to the staff of SIMAT and giving awareness among them to keep the personal hygiene. As a part of the MASK CHALLENGE, during the COVID-19 pandemic time, an initiative by the NSS UNIT 233, SIMAT, started on 22nd of MAY, the first set of



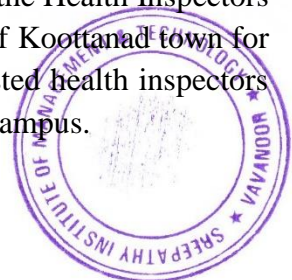
stitched 100 masks were collected from the volunteers. On 5th June, these masks were handed over to the Smt. Jayasree(Head Mistress, GHSS NAGALASSERY) by Mr Syam Prasad G (Programme Officer, NSS Unit 233,SIMAT). The second phase of mask distribution started on 16th July by distributing 150 masks to the Superintendent Office, Govt. Taluk Hospital, Pattambi and to the Police Station, Changaramkulam.

During the pandemic situation, the classroom teaching system has been completely changed to Online teaching procedures. Classes through television and mobile phones have come into effect. Classrooms were replaced by online platforms like Google Meet, Zoom etc. Even though in this technologically sufficient world, there are still many students struggling to attend online classes due to lack of resources and improper Internet Connectivity. The Volunteers of NSS Unit 233,SIMAT took an initiative to sponsor a SMARTphone to a degree student in Nagalassery locality by raising funds. Many kind hearted people contributed to this fund collection. On 18th June few volunteers along with Mr Manikandan, Ward member of Nagalassery Panchayat visited her house and handed over a Smartphone to that family.

During this COVID Pandemic period celebrations are limited and there are many people still struggling to live a life. As was done in previous years, the volunteers of NSS Unit 233, SIMAT collected funds to distribute Onam Kit to the families around the college in Nagalassery Panchayath. On 28th August, the program was inaugurated by Sri. Manikandan (Ward Member.Nagalassery Panchayath) by distributing the Onam kits to families around the college.

Some of the major activities carried out under NSS cell are listed below:

- From April 16- 30,the NSS Unit organized an online fest named “SRISHTI” to nurture the various talents of the students. The volunteers of the unit along with staff organized a number of events with proper guidelines
- On 15th January the NSS unit organized a motivational and group dynamics session for the first-year students of SIMAT
- The NSS Unit 233 of SIMAT conducted a self-organized Adventure Camp for the first time in the history of SIMAT as well as among the other NSS Units in Kerala. The 3-day Adventure camp TAKSHILA was from Feb 21st-23rd, 2020 at SIMAT
- The NSS Unit along with Sreepathy Institute of Management & Technology organized virtual onam program “EE ONAM e-onam”.Volunteers along with the students and staff of Sreepathy conducted various competitions from 28th Aug-1st Sept. Both students & staff actively participated in the events.
- The volunteers of NSS unit 233 of SIMAT took part in the Survey conducted by the health department of Nagalassery Panchayat. Volunteers along with the Health Inspectors collected details of about 200 people from the shops & institutions of Koottanad town for the Primary test of COVID -19 pandemic. The volunteers also assisted health inspectors in coordinating COVID tests in the first line treatment center in the campus.



- During this Covid 19 Pandemic time, Under the "RUDHIRASENA" NSS Blood Cell , in association with APJAKTU NSS Cell, NSS Unit 233, Sreepathy Institute Of Management And Technology, Vavanoor, NSS Unit 185,GEC, Sreekrishnapuram, NSS Unit 128,198, NSS Engineering College, Palakkad, conducted a Blood donation camp at Govt. Dist. Hospital Palakkad. The registrations were through google forms and volunteers from all the three colleges have actively participated which totally made the camp successful.
- In accordance with the Palliative Day the Pratheksha Palliative Care (Kootanad) organized a Mega Home Care on 12 January 2020 named "MANAVEEYAM 2020".
- The NSS Unit observed the National road and safety week by providing a lot of helpful and necessary information to the students of SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY and the people around the campus.
- The NSS volunteers of Sreepathy Institute of Management And Technology observed the National Girl Child day on 24/01/2020 by arranging a short film show on the basis of the safety and fundamental rights of women.
- The NSS volunteers celebrated the National Republic day by the flag hoisting ceremony followed by painting of flower pots, planting new plants and other campus beautification works.
- The NSS unit conducted a “Kavitha Parayanam” competition in the college in order to mark the importance of our mother tongue and to promote awareness of linguistic and cultural diversity and promote multilingualism.
- The NSS Unit observed World Environment Day by cleaning the college surroundings and planting new saplings in the college and in the gardens of each volunteer to nurture the future.
- The Natural Resource Protection Force of NSS Unit 233 along with the Nature club observed the day by initiating a new program called “KRISHIKKALAM”.
- The NSS Unit organized an open to all online event “Talent Hunt” which aimed at bringing up the hidden talents and giving a chance to the students to show up their skills.
- The NSS Unit observed the day sending a wishing card to all the Teachers of SIMAT. The volunteers also organized an open to all event “A Tribute to My Teacher”, in which the students can share their piece of art or messages to their loving teachers.
- A session on “Exposure Of NSS” was handled by Mr. Sulfeeker Aly P K (Motivational Trainer, Co-Founder of IGNITE India).
- The NSS unit organized a Donation campaign to contribute towards the food expenditure of children in Sadashiva Madhava Balasadhanam, Peringanoor. Received donations from volunteers, staff and students were handed over to the orphanage coordinator by NSS volunteers on 16/10/2020
- As a part of World Stroke Day observed on 29th October, a State level awareness Webinar on “STROKE" was jointly organized by APJAKTU NSS Cell, NSS Palliative



Care cell, NSS Unit 233- Sreepathy Institute of Management and Technology Palakkad, Moulana Hospital, Perinthalmanna, IMA, IMA WDW Perinthalmanna.

- The volunteers of NSS Unit observed National Unity Day on 31/10/2020 by taking Unity Day Pledge from their respective houses and showed their spirit towards the Unification of our Nation.
- The volunteers of the unit commemorated Children’s day by organizing a speech competition (Memories) and placard making competition (Colour your dreams) for school children.
- As a part of International Volunteer Day on 05/12/2020, , the NSS Unit organized an Orientation Session “BENEVOLE” for the volunteers. The sessions were handled by the senior NSS Volunteers of SIMAT.
- The NSS Unit observed the Human Rights Day on 10/12/2020 by conducting an online quiz competition "AAWAAZ" related to Human Rights. The competition was conducted in two phases, the first phase was through google forms and second through Google Meet.
- On National Energy Conservation Day -14/12/2020, the Energy Cell of NSS Unit 233, SIMAT had conducted a Home Energy Auditing in order to identify the energy consumption in houses of the students. Worksheets were provided to the students for carrying out their audit.Students have actively participated and the program helped in creating self-awareness about energy consumption and to-do remedies if required.
- NSS team Actively participated in the Webinar series conducted by SIMAT during the lockdown period.

**MoU with Integrated Rural Technology Centre**

Design and Development of a Novel System for Landslide Prediction and Monitoring: A collaborative project Design and Development of a Novel System for Landslide Prediction and Monitoring proposed to be done under funding from Ministry of Earth Science

**SREEPATHY ADVANCED CAREER EDUCATION CENTRE (SREACE)**

The mission of SREACE is to impart and enhance employability of our fresher graduates, to make them industry ready and thereby bridging the gap between academia and the industry. Under this centre , the students in the final year are offered the latest industry demanded add on courses. Various courses offered under SREACE for the last academic year are;

COURSE TITLE	DEPT.	DURATION
Certified Quality Controller	ME	300hrs



Intercad Systems Pvt. Ltd.	CE	
Intensive Aptitude Training	CE,CSE,ECE,EE,ME	3 days
Pre Placement Training	CE,CSE,ECE,EE,ME	2 days
CODING Training	EEE,ECE,CSE	2 days

I feel extremely happy and privileged over the development of the college during the year 2019-20 and with the kind dedication and guidance by the Sreepathy Trust, our staff members and students, I am confident that Sreepathy will be known among top Engineering Colleges in Kerala in the near future. Students are oriented here towards conspicuous value additions, namely, the quest for knowledge, the desire for innovation, the approach for total personality development and the pride in being a member of SIMAT family. The institute has rightly envisioned becoming a role model in technical education and the most preferred choice of students, parents, faculty and industry.

Thank You and Best Wishes



**Dr S P Subramanian**  
Principal

Sreepathy Institute of Management  
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