



**SRI SIVASUBRAMANIYA NADAR COLLEGE OF
ENGINEERING**

(An Autonomous Institution) Kalavakkam,
Chennai – 603 110

SELF STUDY REPORT

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability

List of activities – 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23

Submitted to

The National Assessment and Accreditation Council

February 2024

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)

4. Awareness of trends in technology

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)	Link to the activity report hosted on the institutional website
2018-19				
Mentoring	25-06-2018	510	Dept of CSE, SSNCE	
Remedial Classes for Lateral Entry Students	18-07-2018	26	Dept of CSE, SSNCE	
Remedial Classes	08-07-2018	4	Dr. D. Thenmozhi, ASP/CSE, SSNCE	
Communication Skills	Jul-18	91	Prime Educators	
Personality Skills	Jul-18	49	Venkatesh Vinayakarao (Honorary Faculty)	
Remedial/Tutorial classes for lateral entry and weak students	13-08-2018	11	Department of Civil Engineering, SSNCE	
Aptitude training	01-08-2018	75	SIX PHRASE- The Finishing School	
Remedial Coaching	Aug-18	22	Chemical Engineering Faculty	
Personal counselling and mentoring	Aug-18	208	Chemical Engineering Faculty	
Gate Coaching	Aug-18	65	Chemical Engineering Faculty	
Placement Aptitude and Technical Training	03-12-2018	140	COCUBES, SIMPHRASE and GUVI	
Aptitude Training	04-12-2018	765	Six Phrase	
Technical Training	18-12-2018	690	Six Phrase	
Biomedical Development Club (BDC) – Hands on workshop on Autodesk Fusion 360	22-02-2019	58	Final year students team	
Diagnostic Assessments	30-04-2019	582	AMCAT	
Placement FIT Training for Lateral, Tamil, Rural, Vocational, PG	03-06-2019	143	SMART	
Company Specific IT Technical Training (Super Draem & Draem companies)	17-06-2019	329	Six Phrase	
Domain-specific Training	17-06-2019	190	Internal	
Analytics Training	21-06-2019	190	Six Phrase	
Core Placement Training	18-06-2019	48	Ionik healthcare technologies	
Bridge course for Rural Scholarship students	24-06-2019	25	Department of English	
Upa Yoga	26-06-2019	30	Isha Foundation	
2019-20				
Upa Yoga Session	26-06-2019	30	Isha Foundation	
The Art of living Youth Yes Plus workshop.	01-07-2019	100	The Art of living	
Bridge course for lateral entry students	24-07-2019	12	Dept of CSE/SSNCE	
English Language	29-07-2019	490	Department of English	
Foreign Languages	29-07-2019	312	Department of English	
Yoga for beginners (rural students)	Aug-19	25	ISHA Yoga	
English Language training rural students	Aug-19	25		
Personal counselling	Aug-19	201	Inhouse Psychologist for personal counselling and guidance	
Aptitude training	Aug-19	117		
Communication Skills	Aug-19	29	Venkatesh Vinayakarao (Honorary Faculty)	
Personal Counselling and Mentoring	01-08-2019	566	Dept of CSE/SSNCE	
Workshop cum Hands on Training Programme on Civil Engineering Software	09-08-2019	15	De Nova Software Solutions, Chennai	
Remedial/Tutorial classes for lateral entry and weak students	13-08-2019	5	Department of Civil Engineering, SSNCE	
Safe internet surfing for women	29-08-2019	250	IAMAI Internet and Mobile Association of India.	
Python and wisdom education workshop	07-09-2019	36	SSN-CSI student chapter	
GRE & GMAT Seminar	30-12-2019	126	Princeton review Manya	
Communication Skills	Jan-20	19	Venkatesh Vinayakarao (Honorary Faculty)	
Seminar on Indian School of Business (ISB), The Young Leaders Programme (YLP)	24-01-2020	84	ISB	
Seminar on "Study Abroad? – A Reality Check".	05-02-2020	136	Azent overseas education	
Remedial Class (Subject: Compiler Design)	27-02-2020	6	Dept of CSE/SSNCE	
Remedial Classes for Lateral Entry students (Software Engineering)	15-04-2020	10	Dept of CSE/SSNCE	
Remedial Classes for weak students (Internet Programming)	15-04-2020	10	Dept of CSE/SSNCE	
Bridge Course for arrears students - Problem Solving and Programming in Python	21-04-2020	11	Dept of CSE/SSNCE	

Brochures, Reports and Other Data are uploaded as additional information

2020-21				AMCAT	Brochures, Reports and Other Data are uploaded as additional information
Activity	Date	Participants	Remarks		
Diagnostic Assessments	2020	61		AMCAT	
Diagnostic Assessments	2020	61		CoCubes	
Placement Fit Training for Lateral, Tamil, Rural, Vocational, & PG students	2020	61		Six Phrase	
IT Technical Training	2020	61		Six Phrase	
Company Specific IT Technical Training (Super Dream & Dream companies)	2020	61		Six Phrase	
English Language	23-10-2020	455		Department of English	
Foreign Languages	23-10-2020	313		Department of English	
Workshop on "How to ace your summer Internship"	13-03-2021	30		Internshala (Internship partner of AICTE)	
Online training on "PIC Microcontroller"	04-03-2021			Industry IELC SYSTEMS	
Workshop on "Artificial Intelligence in Healthcare"	23-03-2021			IEEE EMBS Madras Chapter	
Online Training on ARM Microcontroller	2021			Ielescystems	
Webinar on "Innovation and product development"	03-03-2021			KG information systems Ltd.,	
Webinar on "Prototype Validation - Converting Prototype into a Startup"	16-06-2021			Strauss Healthcare Pvt. Ltd. and Strebien Healthcare Private Ltd.,	
Workshop on "Stem cells gene editing"	2021			Dr. Aviseka Acharya, Stem Cell Biologist, University of Cologne, Germany	
Workshop on "Drug Development"	2021			Delsur Consulting	
Workshop on "Entrepreneurship and startups"	2021			Tringapps	
Academic webinar on "Artificial Intelligence for Application in Neurology"	25-03-2021	200		Delft University of Technology, Netherlands	
NSO ONLINE YOGA CLASS	02-06-2021	50		SSNCE	
2020-21					
Workshop on "Exploring Virtual Reality: A hands on workshop for beginners (Learning Virtual Reality Academic. Webinar on ""Biomechanics in Sports and Rehabilitation Engineering""	2020	67		Trainers from Verena Haptic and VR Chennai	
Webinar on "Remote Engineering Lab using NI Platform"	25.07.2020	30		Director of Today's Physiotherapy	
Webinar on "Overview on applications of Biomedical equipment in Hospitals"	31.07.2020	60		National Instruments and Cognobot	
Webinar on "Open Book Examination Awareness - An Introductory Session"	2020			Rajiv Gandhi Government Hospital	
Core placement training on "Opportunities in Healthcare and phillips outlook"	2020			GMR Institute of Technology	
Academic webinar on "Voice biomechanics"	14.08.2020	60		Philips health systems, Chennai	
Webinar on "Open Book Examination Practices"	16-09-2020	60		Philips Health systems,	
Webinar on "Hybrid U-net models for medical Image Segmentation"	29.09.2020			Palacky University, Olomouc, Czech Republic	
Webinar on "Opportunities & Challenges in a Covid 19 Era for Biomedical Engineers" and "Student to Bio-Medical Engineer - Effective Transition"	23-01-2021	58		North Eastern Hill University, Shillong, Meghalaya	
Workshop on "Space Biology"	06-02-2021			College of Engineering Shantou University, China	
Workshop on "Mentorship Session for Innovators"	22-02-2021			Vital Bio-systems, Chennai	
Industrial webinar on "the Basics of 3D-Designing and Modeling"	2020	100		University of Cologne In INVENTE 5.0	
Core placement training on "Risk Management"	2020			Institutions Innovations Council & Department of Biomedical Engineering, SSN CE	
Inter college quiz event "Bio-Pedia 1.0"	16.11.2020	25		Gunjan Human Kaigir Pvt.Ltd., New Delhi	
Certification Program on Safety	30.11.2020	97		Founder Mächenn Innovations	
Entrepreneurship in Software Industry - Opportunities and Challenges	2020	90		HCL Technologies	
Scope of AI & ML in the real-world - an Industrial perspective	2020	75		Drexel University, Philadelphia, USA	
Soft Skills Training	2020	117		SSN IEEE EMBS Students Chapter	
Verisant Online Assessment	2020	35		Larsen & Toubro	
Alumni Mock Interviews	2020	117		Synergy Security Systems, Bengaluru, Karnataka, India	
Various online courses on engineering, finance, psychology, accounts, programming, languages	2020	70		S.P. Jain Institute of Management & Research Mumbai	
Industrial power system protection and control	2020	2		Wayfair, Greater Boston Area	
Placement training program	2020	100		Career Carve www.careercarve.com	
All India level Essay Contest for National Development Agenda	2021	20		FACE (Focus Academy for Career Enhancement)www.faceacademy.in	
Toastmasters - International Speech contest - club level	2021	20		Pearson www.pearson.com/english/versant/prepare.html	
Toastmaster - Table Topics contest - club level	2021	25		SSN Alumni Association	
Emerging Research Trends on Battery and Electric vehicle Technology	25.02.2021	75		Courseera, an online course provider	
Design of Inverters and Battery Pack for Electric Vehicle Applications	2021	25		Meggar India	
SPURS	2021	800		L & T	
English and Foreign Language Training	2021	96		Hillgrove Research Ltd	
SSN Creative Writing Contest	2021	80		Toastmasters International	
SSN Best Speaker Contest	2021	80		Toastmasters International	
Placement Training Programme	2021	204		Bharathidasan University	
				Haritha technologies	
				Madras Institute of Technology, Anna University, Chennai.	
				AMCAT, Cocubes, CDC	

2021-22		2022-23	
Foreign Languages	27-10-2021	282	Department of English
English communication classes	27-10-2021	321	INSYNC LTD, STRIDES and Dept. of English, SSNCE
Communication Skills for Placements: PG Students	19-07-2022	24	English Department, SSNCE
Workshop on "Big Awareness Session"	22-07-2022		IIT Hyderabad, Kongu Engineering College & Acharya Nagarjuna University
Introduction to two pointers	09-08-2022	30	SSN Coding club, Dept. of CSE & Codeforces
Introduction to HTML and CSS	14-08-2022	25	SSN Coding club, Dept. of CSE
ML - A reboot session	20-08-2022	35	SSN Coding club, Dept. of CSE
Coding contest	10-09-2022	30	Dept of CSE,SSN & AICTE (SPICES)
Web Design contest - HTML CSS GO	25-09-2022	30	Dept of CSE,SSN & AICTE (SPICES)
Information Session	28-09-2022	65	Google developed students club, SSNCE
ML - Building an AI Chatbot	01-10-2022	45	Dept. of CSE,SSNCE
3 Day Compose Camp - App Development Workshop	03-10-2022	50	Dept. of CSE,SSNCE
Emids - Hackathon and Ideathon	10-10-2022	50	Dept. of CSE,SSNCE
Invoke the entrepreneur in you	11-10-2022	30	SSN I found
Introduction meet for second year students of SSN and SNU	21-10-2022	40	SSN Coding club, Dept. of CSE
Communication skills	29-10-2022	494	Dept. of English
Foreign languages	29-10-2022	369	Dept. of English
Invente	03-11-2022		SSNCE
Disruptive Technology in the Introductory Programming Course	06-12-2022		Dept. of CSE,SSNCE
2022-23			
Career options and staying relevant in cloud world	13-04-2023	30	Dept of IT, SSNCE
Yoga for Physical and Mental Health	21-06-2023	50	SSNCE
National Level Technical Hackathon iTech Hackfest 2023	06-07-2023	159	Dept. of CSE,SSNCE
English language classes	28-08-2023	622	Strides Inc & INSYNC, LTD, Dept of English, SSNCE
Foreign languages	28-08-2023	352	Dept. of English
Industry tips on software architecture	01-12-2023	30	Dept of IT, SSNCE & Compliance Cow
Open source intelligence - Your public freememy	25-11-2023	30	Deloitte India and Securein, Inc
Navigating enterprise software development	26-09-2023	30	Citicorp services, India

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