

**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)
--	-------------------------------------	-----------------------------	---

**1. Soft skills**

Training on Soft Skill Development and Interview ETIQUETTIES	16.08.2018-18.08.2018	42	Connect training solution
Soft Skill Training cum Workshop	08.08.2019-09.08.2019	52	Smart training resources
Soft Skill Development and Data Analytics Using Python	04.03.2021-07.03.2021	40	TEQIP III

**2. Language and communication skills**

Japanese	18.4.2022-20.6.2022	20	AMG Academy
French	18.4.2022-20.6.2022	20	AMG Academy
German	18.4.2022-20.6.2022	20	AMG Academy

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

Seminar on Mental Health in Youth	19.07.2018	83	Psychiatrist, PSG hospital
Basic life Support	10.09.2022	1000	NCC cadets

**4. Awareness of trends in technology**

Green Materials for Sustainable Construction	23.03.2023	56	NICMAR,Pune
Beat Plastic Pollution	05.06.2023	85	AAW consulting engineer, Abu Dhabi
Brain Control Interface	21.11.2022 – 22.11.2022	66	Pantech e learning
Orientation Program on Additive Manufacturing	08.04.2022	220	M/S Viswam Tech PVT limited
Conservation of Ground water and Surface water	22.03.2022	69	NIT, Trichy

Need for Research Mindset	21.08.2021	131	Amazon Development center
Evaluation of Wireless Technologies	29.03.2022	66	Qualcomm Technology
Industrial Applications of HFSS Tool	05.10.2021	64	Entuple Technologies PVT.Limited
Internal Hackathon for SIH 2022	14.03.2022	92	Department of EIE
Technology Commercialization and Integration	15.02.2021	41	Department of Mechanical Engg
Skill set for Industry 4.0	25.10.2021	196	IRC cell
Domestic water Distribution design using Bentley Watergems	27.06.2020	58	Application Engineer,IID
Structural Engineering Theory vs Practice	30.06.2020	90	NIT,AP
Application of Building Information Modelling In Construction Projects.	03.07.2020	71	WS Atkins limited Bangalore
Railway Signalling	11.11.2020	80	Southern Railways,Trichy
Surveying with Total Station	06.07.2020-10.07.2020	25	Bilding consulting Enginee & Valuer
Turning Point (Career Opportunity for Civil Engineers)	03.08.2020-07.08.2020	204	AARVY Associates Salem
Western Ghats and Dam Management	23.12.2020	50	Chairman,Brahmaputra Board
Future Skill Technologies on Internet of Things	24.07.2020-28.07.2020	139	NAC-Tech
Recent trends in Thermal Sciences and Alternate Energy Resources	01.07.2020	50	PG Thermal Engineering
Repair, Rehabilitation of RC Structures	16.07.2019	113	Hi-tech civil engineering services
Introduction to Web Designing	18.12.2019 -19.12.2019	60	Department of CSE

Introduction to Microprocessor and Embedded Systems	05.08.2019 -06.08.2019	10	Vi microsystems
Mobile Robot, WIFI Controlled Robot & Humanoid Walking Robot	07.01.2020 -10.01.2020	197	Edux Labs &NIT Roorkee
Graphical System Design for Societal Application	28.09.2019 -29.09.2019	48	Vi Labs
Industrial Automation using IoT	31.07.2019-02.08.2029	62	Lema Labs
Opportunities and Government Initiatives on India's transition to Electric Mobility	21.02.2020	250	Department of Heavy Industries and Global Research Center
Internal Hackathon for SIH 2020	23.01.2020	92	Department of EIE
Industry 4.0	23.08.2019	196	ARRIS Automation
Dynamic Simulation of Thermal and Alternating Energy System	05.02.2020 &06.02.2020	20	PG Thermal Engineering
ANSYS- CFD and CHEMKIN-PRO in IC Engines	21.08.2019-25.08.2019	25	PG Thermal Engineering
IoT using Raspberry Pi	19.09.2018 -20.09.2018	60	Vi Microsystems
Manufacturing Technology – Forgings & Gears	21.08.2018	63	TAFE
Industrial Lecture on My Journey as a Mechanical Engineer	30.07.2018	120	Department of Mechanical Engg
Explore the World in the Mechanical way	31.07.2018	120	Department of Mechanical Engg
TQM & Six Sigma	18.09.2018	48	TQM & Six Sigma
Manufacturing Technology – Forgings & Gears	21.08.2018	63	TAFE