

**Following Capacity development and skills enhancement initiatives are taken by the institution (5)**

**1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. Awareness of trends in technology**

Sr. No.	Dept.	Academic Year	Name of the capability Enhancement Programme	Date of Implementation	Number of Students Enrolled	Name of the agencies/consultants involved with contact details (if any)
1	CSE	2020-21	AICTE sponsored online one week short term training course on wireless sensor networks	17-23.01.2021	66	DEPARTMENT OF CSE
2	CSE	2020-21	Poster making competition on road safety	5/2/2021	20	CSE NSS WING, MRSPTU
3	CSE	2020-2021	Expert lecture on NEW EMERGING IT TECHNOLOGIES by sachtech solution,mohali	17/03/2021	90(2018,2019)	CSE DEPARTMENT,GZSCCET,BA THINDA
4	CSE	2020-2021	Expert lecture on Technologies available in CSE, Mr. Ashok Khaira, SOFTWIZZ BATHINDA ON 26/02/2021	26/02/2021	50(2019)	CSE DEPARTMENT,GZSCCET,BA THINDA
5	CSE	2020-2021	Expert lecture on Technology in demand for CSE candidates BY Er. Mohit,IBYES ACADEMY, BATHINDA ON 25/02/2021	25/02/2021	70(2018,2019)	CSE DEPARTMENT,GZSCCET,BA THINDA
6	CSE	2020-2021	Expert lecture on machine learning	24/02/2021	40(2018)	INFOWIZZ BATHINDA
7	CSE	2020-2021	Swachh bharat mission gramin-gandagi mukt bharat campaign.	13/08/2020	30	CSE NSS WING, MRSPTU
8	CSE	2020-2021	Expert Lecture on Numpy And Pandas	18/03/2021	32	Dr. N. Sudhakar Yadav, Assistant Professor, Department of IT, VNRVJIET, Hyderabad
9	CSE	2020-2021	Expert Lecture on Plagiarism Tools For Punjabi And Hindi Language Using PYTHON	17/03/2021	32	Dr. Vishal Goyal, Professor, Punjabi University, Patiala

10	CSE	2020-2021	Expert lecture on Data Extraction Using Python	16/03/2021	32	Dr. Ramandeep Kaur, Assistant Professor, Department of CSE, GZSCCET, MRSPTU, Bathinda
11	CSE	2020-2021	Expert Lecture on ORANGE - Tool For Visualisation And Optimization	18/03/2021	32	Dr. Amit Kamra, Assistant Professor, Department of IT, GNDEC, Ludhiana
12	CSE	2020-2021	Expert Lecture on Lists, Tuples And Dictionaries	18/03/2021	32	Dr. N. Sudhakar Yadav, Assistant Professor, Department of IT, VNRVJIET, Hyderabad
13	CSE	2020-2021	Expert Lecture on Web Designing Using Python	19/03/2021	32	Prof. Sanjay Bhatanagar, Associate Professor, Department of CA, MRSPTU, Bathinda
14	CSE	2020-2021	Expert lecture on Control Statements And Functions in python	16/03/2021	32	Er. Jagdeep Singh, Assistant Professor, Department of IT, GNDEC, Ludhiana
15	CSE	2020-2021	Expert Lecture on OOPS CONCEPTS Using Python	19/03/2021	32	Dr Swati, Assistant Professor, Department of CSE, GZSCCET, MRSPTU, Bathinda
16	CSE	2020-2021	Expert Lecture on Data Visualization Using Matplotlib And Seaborn	20/03/2021	32	Dr. Abhilasha Jain, Associate Professor, Department of CSE, GZSCCET, MRSPTU, Bathinda
17	CSE	2020-2021	Expert lecture on Data Structures In Python	15/03/2021	32	Dr. Abhilasha Jain, Associate Professor, Department of CSE, GZSCCET, MRSPTU, Bathinda

18	CSE	2020-2021	Expert lecture on Basics Of Python	16/03/2021	32	Er. Monika, Research Scholar, Department of CSE, GZSCCET, MRSPTU, Bathinda
19	CSE	2020-2021	Expert lecture on Data Structures In Python	17/03/2021	32	Mrs B Mathura Bai, Associate Professor, Department of IT, VNRVJIET, Hyderabad
20	CSE	2020-2021	Expert Lecture on Syntax Variable Declaration, Arithmetic Operators, Logical Operators, Decision Statements, Loops, Functions, Strings And List	19/03/2021	32	Er. Nitin Arvind Shelke, Assistant Professor, Thapar University, Dera Bassi Campus
21	CSE	2020-2021	Expert lecture on Introduction To Python Programming	15/03/2021	32	Dr. Abhilasha Jain, Associate Professor, Department of CSE, GZSCCET, MRSPTU, Bathinda
22	CSE	2020-2021	Expert lecture on Control Statements And Functions in python	17/03/2021		Er. Jagdeep Singh, Assistant Professor, Department of IT, GNDEC, Ludhiana
23	CSE	2020-2021	Expert lecture on python and ai	10/3/2021	70	MR. AMIT KUMAR, CETPA INFOTECH PVT LTD,NOIDA,9835855787
24	CSE	2020-2021	One day webinar on awareness for entrepreneurship	31/03/2021	40	DEPARTMENT OF TRAINING AND PLACEMENT
25	CSE	2019-2020	Expert lecture on latest it and web applications	5/6/2020	145	CSE AND PHYSICS NSS WING, MRSPTU
26	CSE	2019-2020	Expert lecture on internet & networking trends	03-06-2019	87	MR. ANMOL BANSAL, TECHHUB, BATHINDA
27	CSE	2019-2020	Expert lecture on Machine learning & Blockchains	06-06-2019	87	ER. MOHIT GUPTA,INDUS VELLAY PARTNER, BATHINDA

28	CSE	2019-2020	Expert lecture on Python programming	12/03/2019	60	Solitaire Infosys, C-110, Industrial Area Phase-VII, Mohali , Punjab, India, 8288037881
29	CSE	2019-2020	Four Day Industrial Visit (Metro Railway, Depot Control centre, BITS Planetarium, AMHP)	18/02/2020		IBYTES ACADEMY, BATHINDA
30	CSE	2019-2020	Organizing Inter- institutional science fair	12/3/2020		SOLITAIRE INFOSYS PVT LTD
31	CSE	2019-2020	Organizing National Science day	25/2/2019 & 28/2/2019	60	Skycon Technology Pvt Ltd, Bathinda
32	CSE	2018-2019	Workshop on Android and other applications	22/06/2018	50	NSS WING, MRSPTU
33	CSE	2018-2019	Expert talk on Introduction to Python Programming	29/03/2019-31/03/2019	29	CSE DEPARTMENT, GZSCCET, BATHINDA
34	CSE	2018-2019	Expert talk on CAT Preparation	04-06-2019	87	ER. AKASH MAHESHWARI, MAHESHWARI & CO. PVT. LTD, KOTAKPURA
35	CSE	2018-2019	Workshop on IoT, Android and other applications	18/03/2019	30	Gurukul infosystem
36	CSE	2018-2019	Workshop on Python	15/04/2019	40	TECH HUB, POWER HOUSE ROAD, BATHINDA
37	CSE	2018-2019	Educational tour to Science City, Kapurthala	27/2/2019	60	Softwiz Pvt Limited, Bathinda
38	CSE	2018-2019	Two day entrepreneurship awareness programme	7/8/2018	53 2k15	Amazing Training basket Pvt Ltd., 8218860418
39	CSE	2018-2019	Workshop on android	30/08/2018	40 2k16	My Career Expert, Bathinda, 9023333030

40	CSE	2018-2019	Expert talk on Scope in Networking fields for CSE Students	25/2/2019 & 28/2/2019	60	INFOWIZ,1ST FLOOR, CROWN TOWER, 100FT ROAD,, Bathinda, Punjab 151001,90235 00888
41	CSE	2018-2019	Industrial visit at Punjab Communication Limited ,Mohali	05/03/2019	50	APTRON India Ltd., NOIDA
42	CSE	2018-19	One day workshop By Truechip Solutions Pvt.Ltd.(Regarding Outcome of mou signed by Univ. With Truechip Solutions)	7/9/2018	56	CSE DEPARTMENT,GZSCCET,BA THINDA
43	CSE	2018-19	Short Term Course on ,"System Designing with smart controllers through ICT"	30-31/08/2018	50	ENTREPRENEURSHIP DEVELOPMENT CUM BUSINESS INCUBATION CELL, MRSPTU,BATHNDA
44	CSE	2018-19	One Day Workshop on MATLAB and Simulink, Fuzzy Logic and Power Toolbox	7/11/2018	20 2K15	ITG MOHALI, 9855967251
45	CSE	2018-19	Expert Lecture on Erection, Construction and Testing of 66 KV Substation	21/08/2018	25 2K15	Scope telecom, sco-333-334,level-2, sector-35-B, chandigarh, 7009264632
46	CSE	2017-2018	Industrial visit to Netgen IT Solutions, Shimla	5/3/2018	40	DEPARTMENT OF CSE
47	CSE	2017-2018	Industrial visit to zasya solutions,shimla	1/3/2018	30	DEPARTMENT OF CSE
48	CSE	2017-2018	Celebration of International yoga day	01.02.2018	8	Dr. Sohan Singh, Bullseye,Chandigarh
49	CSE	2017-2018	Industrial Visit to Semiconductor laboratory, Mohali	4/10/2017	28	NETGEN IT SOLUTIONS,SHIMLA,9736433 738

50	CSE	2017-2018	Five Day Industrial Visit (for the practical exposure and insight to the real working environment & Basic concepts and fabrication procedure of Power Transformer	6/10/2017	28	ZASYA SOLUTIONS,SHIMLA , +918988406911
51	CSE	2017-2018	Expert Lecture Series on Power Engineering	21/06/2018	100	NSS WING, MRSPTU
52	CSE	2016-17	Expert talk on DBMS, RDBMS, Data Warehouse, Big Data, Variety of Data, vmware, Hadoop installation and working, Data Analysis.	07.09.2016		INFOWIZ BATHINDA
53	CSE	2016-17	One Day Industrial Visit to Pratna Developer Power Limited Balluana	15.09.2016		IBM career education