



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Chittoor Main Road, Vellore - 632 059.

LIST OF VALUE ADDED COURSES



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Chittoor Main Road, Vellore - 632 059.

Academic year 2022-2023

S. No	Department	Name of the Value added courses offered	Course Code
1	CIVIL	Urban Transportation Policy Planning for Sustainable Development	VC22CE01
2	CSE	Virtual reality and augmented reality	VA22CS01
3		Adaptive deep learning techniques	VA22CS02
4	EEE	Electric and Hybrid vehicles	VA22EE01
5	ECE	PCB Design and Fabrication	VA22EC01
6		MATLAB and Simulink for Data Processing and Visualization	VA22EC02
7	MECHANICAL	Advances in Manufacturing Process	VC22ME01
8	IT	Applying AI to Software Engineering Process	VA22IT01
9		Machine Learning on the Edge	VA22IT02
10		Introduction to Augmented Reality	VA22IT03
11	MBA	Career Development	VA22MBA01
12	S & H	Physics of everyday	VA22SH01
13		Fundamentals of Networks	VA22SH02
14	NPTEL Courses		

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Academic year 2021-2022

S. No.	Department	Name of the Value added courses offered	Course Code
1	CIVIL	Geospatial Software Applications in Civil Engineering	VC21CE01
2	CSE	Visual Basic Laboratory	VA21CS01
3		Usage of Data Science	VA21CS02
4		Block Chain Technology	VA21CS03
5	EEE	MATLAB and SIMULINK for Electrical engineers	VA21EE01
6		Fuzzy Logic system and Applications	VA21EE03
7	ECE	Robotics in Biomedical Engineering	VA21EC01
8		Radio Frequency Circuit Design	VA21EC02
9		Mobile Phone technology	VA21EC03
10	MECHANICAL	Fundamentals of Artificial Intelligence	VC21ME01
11		Additive Manufacturing and Tooling	VC21ME02
12		Introduction to Mechanical Design using CREO	VC21ME03
13	IT	Block chain and Bitcoin fundamentals	VA21IT01
14		Innovative Trends in Cyber Security and Threats	VA21IT02
15	MBA	Managerial Skills and Interpersonal Dynamics	VA21MBA01
16		Leadership and Team Effectiveness	VA21MBA02
17	S & H	Writing and Speaking English Effectively	VA21SH01
18		How things work? An Introduction to Physics	VA21SH02
19		General chemistry and Siddha Geology	VA21SH03
20	NPTEL Courses		

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Academic year 2020-2021

S. No.	Department	Name of the Value added courses offered	Course Code
1	CIVIL	Advanced Concrete Technology	VC20CE01
2		Application of Soft Computing Techniques	VC20CE02
3	CSE	Network Design	VA20CS01
4		Design Thinking	VA20CS02
5	EEE	Solar power design, Operation and Installation	VA20EE01
6		Arduino for Beginners	VA20EE02
7	ECE	Neural Networks and Applications	VA20EC01
8		Machine Learning Techniques	VA20EC02
9	MECHANICAL	Materials Management	VC20ME01
10		CNC Machines	VC20ME02
11	IT	Android for Mobile App Development	VA20IT01
12		IOT enabled Smart Sensors and its Applications	VA20IT02
13	MBA	Artificial Intelligence for Investment	VA20MBA01
14	S & H	Quantitative Aptitude for Engineers	VA20SH01
15		Conversational English	VA20SH02
16	NPTEL Courses		

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Academic year 2019-2020

S.No	Department	Name of the Value added courses offered	Course Code
1	CIVIL	Innovative Construction Materials	VC19CE01
2		Pavement Material Characterization	VC19CE02
3		Advanced Structural Analysis	VA19CE03
4	CSE	Internet of things	VA19CS01
5		Introduction to Data Science	VA19CS02
6		JAVA programming- An Overview	VA19CS03
7	EEE	Robotics and Automation	VA19EE01
8		Programmable logic controller	VA19EE02
9		SCADA	VA19EE03
10	ECE	IoT for Embedded System	VA19EC01
11		Advanced Digital signal processing	VA19EC02
12		Embedded C and ORCAD	VA19EC03
13	MECHANICAL	Design of Cellular Manufacturing System	VC19ME01
14		Material Characterization Techniques	VC19ME02
15		Basics of Design using CATIA	VC19ME03
16	IT	Digital Image Process using Matlab	VA19IT01
17		Introduction to Bigdata and Hadoop	VA19IT03
18	MBA	Training and Development	VA19MBA01
19		Six Sigma	VA19MBA02
20	S & H	Introduction to Academic writing	VA19SH01
21		Probability And Statistics	VA19SH02
22		NPTEL Courses	

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Academic year 2018-2019

S. No.	Department	Name of the Value added courses	Course Code
1	CIVIL	Construction Equipments in Major Projects	VC18CE01
2		Theory of Elastic Stability and Behaviour of Metal Structure	VC18CE02
3		Remote Sensing and GIS in Transportation Development	VC18CE03
4	CSE	Basics of Machine Learning	VA18CS01
5		Multimedia Technology	VA18CS02
6		Web Application Development	VA18CS03
7	EEE	Electrical Safety and testing	VA18EE01
8		PCB Design for Electronics Engineer	VA18EE02
9		VHDL	VA18EE03
10	ECE	Introduction to Internet of things (IoT)	VA18EC01
11		Introduction to Robotics	VA18EC02
12		Advanced 3G and 4G wireless communication	VA18EC03
13	MECHANICAL	Lean Manufacturing	VC18ME01
14		Advanced Mechanics of Materials	VC18ME02
15		Design for Manufacturing	VC18ME03
16	IT	Design Patterns currently used in Software Industry	VA18IT01
17		Latest trends in Wireless Networks and its Applications	VA18IT02
18		Advanced concepts in Cloud computing	VA18IT03
19	MBA	Time Management Skills	VA18MBA01
20		Training for Trainers	VA18MBA02
21	S & H	Waste management Current Entail to the world	VA18SH01
22		Introduction to copy-editing	VA18SH02
23	NPTEL Courses		

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SKILL DEVELOPMENT FORMS



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LIST OF CAPACITY BUILDING PROGRAMS



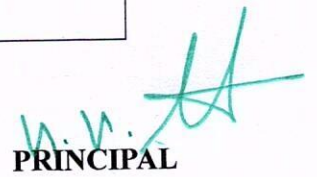
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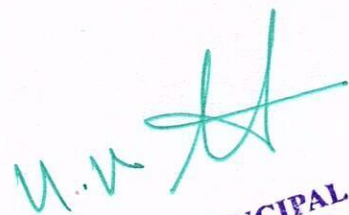
Academic Year: 2022-2023

Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

S.No	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled
1	Awareness program on Yoga and Meditation.	21.06.2022	73
2	A seminar on "Practical delegation"	03.08.2022	32
3	An Awareness program on "Stress Management"	07.02.2023	32
4	Workshop on Problem-solving skills in C	14.09.2022	45
5	Workshop on Python Programming.	03.02.2023	45
6	Awareness program on "Importance on pronunciation-phonetics.	05.01.2023	76
7	Workshop on cyber security	13.02.2023	76
8	Awareness programme on Physical fitness.	08.03.2023	73


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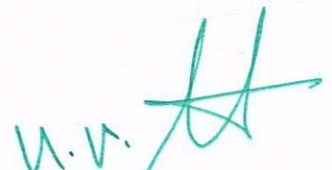
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Academic Year: 2021-2022

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1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

S.No	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled
1	A Seminar on "Leadership & Team Building".	08.10.2021	78
2	A Seminar on "Personal, Planning & Recruitment."	03.02.2022	101
3	Awareness program on "Importance of Body Language in Communication."	27.08.2021	129
4	Awareness program in "Effective Communication Skill in Morden days.	03.07.2021	107
5	Python Programming.	12.09.2021	73
6	Awareness program on "Yoga for Compassion"	06.04.2022	192
7	Awareness program on "Ethical Hacking"	16.03.2022	133
8	Seminar on "Nurturing a Joyful Heart"	27.09.2021	167


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Academic Year: 2020-2021

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1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

S.No	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled
1	A seminar on "Practical Delegation"	05.10.2020	137
2	A Seminar on "Personality Development".	01.02.2021	120
3	An Awareness Programme "Developing Interpersonal skill: a key strategy for effective communication"	10.04.2021	133
4	Online course on C programming.	15.05.2021	79
5	Stress Management & Sleep With Heartfulness	21.06.2021	138
6	Hygiene food for Covid	20.01.2021	96
7	Workshop on CyberSecurity	15.10.2020	115


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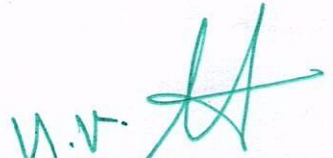
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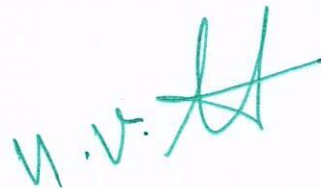
Academic Year: 2019-2020

Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

S.No	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled
1	A seminar on "Interview Skill Training"	16.09.2019	93
2	A Seminar on "Practical Motivation Skill"	03.02.2020	87
3	Problem-solving Skill using C	10.07.2019	75
4	Python Programming	08.08.2019	50
5	Workshop on "Impact of Language Training Learning Strategies"	14.10.2019.	171
6	Seminar on "Restore positivity and positive thinking."	21.06.2020	141
7	Seminar on "Meditation in Corporate World"	16.09.2019	106


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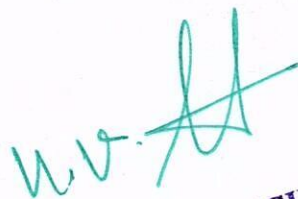
Academic Year: 2018-2019

Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene) 4. ICT/computing skills

S.No	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled
1	Employability Skill Program on "Connect with Work"	19.09.2018	110
2	A Seminar on "Time Management".	01.02.2019	134
3	Skill Initiative programme on "Communication Skill."	12.10.2018	187
4	A Seminar on "Impact of Language Training Strategies."	12.03.2019	103
5	Awareness program on "Yoga for Humanity"	21.06.2019	169
6	Seminar on Need for physical Fitness	23.09.2018	77
7	Workshop on Data Structure	06.03.2019	145
8	Problem Solving Using Python.	09.04.2019	105


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