



CRITERION7 Institutional Values and Best Practices	7.2 Best Practices
<i>7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.</i>	

Industry designed course completed by the students



SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626115

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Industry Designed Courses Completed by the Students				
Academic Year 2021 -22 Even				
S.NO	Department	Semester	Course Code and Name	No of Students
1	Mech	4	19UME861 - Jigs and Fixtures	42
2	Mech	4	19UME862 - Smart Materials	47
3	Mech	4	19UME863 - Solar Energy	48
4	Mech	4	19UME866 - Limits,Fits & Tolerances	49
5	Mech	6	19UME861 - Jigs and Fixtures	63
6	Mech	6	19UME862 - Smart Materials	65
7	Mech	6	19UME863 - Solar Energy	62
8	Mech	6	19UME866 - Limits,Fits & Tolerances	62
9	Mech	6	19UGT651 - Comprehensive Engineering Aptitude	17
10	CSE	4	19UCS861 - R Programming	198
15	CSE	6	19UCS864 - Ruby on Rails	187
16	CSE	6	19UGT651 - Comprehensive Engineering Aptitude	30
18	ECE	4	19UEC866 - Arduino Programming	165
20	ECE	6	19UEC866 - Arduino Programming	177
21	ECE	6	19UEC867 - Programming in C++	177
22	ECE	6	19UGT651 - Comprehensive Engineering Aptitude	61
31	EEE	6	19UGT651 - Comprehensive Engineering Aptitude	12
33	IT	4	19UIT867 - Logics of Programming	65
35	IT	6	19UGT651 - Comprehensive Engineering Aptitude	21
36	IT	6	19UIT872 - UI Design	61
37	CIVIL	4	19UCE861 - Green Building Concepts	113
38	CIVIL	6	19UCE864 - Construction Safety	116
39	CIVIL	6	19UGT651 - Comprehensive Engineering Aptitude	30
40	CHEMICAL	4	19UCH861 - MATLAB for Chemical Engineering	44
47	CHEMICAL	6	19UCH871 - Membrane Technology	44
48	CHEMICAL	6	19UGT651 - Comprehensive Engineering Aptitude	16
54	AE	6	19UAG862 - Vermi Compost Technology	66
55	AE	6	19UGT651 - Comprehensive Engineering Aptitude	19
56	BM	4	19UBM866 - Medical Science	54
58	BM	6	19UBM867 - 3D Printing applicable to Medical Field	61
59	BM	6	19UGT651 - Comprehensive Engineering Aptitude	34
60	BT	4	19UBT862 - Computational Reckoning of Bioprocess	32



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Industry Designed Courses Completed by the Students

Academic Year 2021 -22 odd

S.NO	Department	Semester	Course Code and Name	No of Students
1	Mech	5	19UME863 - Solar Energy	129
2	Mech	5	19UME864 - Work Study	125
3	CSE	5	19UCS865 - Word Press	187
4	CIVIL	5	19UCE880 - Paver Block Manufacturing as per IS code	117
5	CIVIL	7	15UCE862 - Practical Aspects of Architecture	41
6	CIVIL	7	15UCE872 - Special Concretes	10
7	CIVIL	7	15UCE873 - Health Monitoring of Structures	48
8	CIVIL	7	15UCE874 - Building Energy Audit	43
9	CHEMICAL	5	19UCH861 - MATLAB for Chemical Engineering	43
10	CHEMICAL	7	15UCH867 - Enzymes For Environmental Applications	1
11	CHEMICAL	7	15UCH871 - MEMBRANE TECHNOLOGY	23
12	AE	5	19UAG861 - Mushroom Cultivation Technology	65
13	AE	7	15UAG871 - Solar PV System	54
14	AE	7	15UAG872 - Polyhouse Farming Skills	11
15	BM	3	19UBM876 - Role of Biomedical Engineers in Disaster Management	54
16	BM	5	19UBM877 - Medical Coding and Transcription	61
17	BM	7	15UBM869 - Artificial Intelligence in Healthcare	48



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Industry Designed Courses Completed by the Students

Academic Year 2020-21 even

S.NO	Department	Semester	Course Code and Name	No of Students
1	Mech	4	19UME861 - Jigs and Fixtures	66
2	Mech	4	19UME862 - Smart Materials	63
3	Mech	4	19UME863 - Solar Energy	63
4	Mech	4	19UME864 - Work Study	65
5	Mech	6	15UME861 - Smart Materials	63
6	Mech	6	15UME862 - CNC Programming	63
7	Mech	6	15UME863 - Solar Energy	59
8	Mech	6	15UME865 - Jigs and Fixtures	61
9	CSE	4	19UCS861 - R Programming	78
10	CSE	6	15UCS866 - R Programming	191
11	ECE	6	15UEC864 - Android	147
12	EEE	6	15UEE867 - Energy Storage Systems	109
13	IT	4	19UIT868 - Arduino Raspberry Pi	30
14	IT	4	19UIT870 - PHP Fundamentals	31
15	CIVIL	4	19UCE861 - Green Building Concepts	61
16	CIVIL	4	19UCE863 - Water Conservation Techniques	57
17	CIVIL	6	15UCE865 - CONSTRUCTION SAFETY AND MANAGEMENT	43
18	CIVIL	6	15UCE869 - Effluent Treatment Plant	49
19	CIVIL	6	15UCE870 - Building Planning and Byelaws	41
20	AE	6	15UAG863 - Vermicompost Technology	56
21	BM	4	19UBM876 - Role of Biomedical Engineers in Disaster Management	61
22	BM	6	15UBM868 - 3D Printing applicable to Medical Field	48



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Industry Designed Courses Completed by the Students

Academic Year 2020-21 Odd

S.NO	Department	Semester	Course Code and Name	No of Students
1	Mech	5	15UME861 - Smart Materials	61
2	Mech	5	15UME863 - Solar Energy	63
3	Mech	5	15UME864 - Basics in Refrigeration and Air Conditioning	61
4	Mech	5	15UME866 - Work Study	63
5	CSE	5	15UCS862 - Multimedia	191
6	ECE	5	15UEC861 - PIC Embedded Programming	149
7	CIVIL	5	15UCE861 - Green Building Concepts	39
8	CIVIL	5	15UCE863 - Water Conservation Techniques	40
9	CIVIL	7	15UCE872 - Special Concretes	60
10	CHEMICAL	5	15UCH867 - Enzymes For Environmental Applications	23
11	CHEMICAL	7	15UCH871 - MEMBRANE TECHNOLOGY	35
12	AE	5	15UAG862 - Mushroom Cultivation	57
13	AE	7	15UAG864 - Green House Technology	43
14	BM	3	19UBM861 - Fundamentals of MATLAB Programming	61
15	BM	5	15UBM865 - Medical Coding	48
16	BM	7	15UBM869 - Artificial Intelligence in Healthcare	53



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Industry Designed Courses Completed by the Students

Academic Year 2019-2020 even

S.NO	Department	Semester	Course Code and Name	No of Students
1	Mech	4	15UME861 - Smart Materials	63
2	Mech	4	15UME863 - Solar Energy	61
3	Mech	4	15UME864 - Basics in Refrigeration and Air Conditioning	61
4	Mech	4	15UME866 - Work Study	62
5	Mech	6	15UME861 - Smart Materials	71
6	Mech	6	15UME862 - CNC Programming	70
7	Mech	6	15UME865 - Jigs and Fixtures	70
8	Mech	6	15UME866 - Work Study	72
9	CSE	4	15UCS863 - PYTHON Programming	191
10	CSE	6	15UCS866 - R Programming	153
11	CSE	8	15UCS863 - PYTHON Programming	1
12	CSE	8	15UCS867 - Windows System Administration	1
13	ECE	4	15UEC863 - Programming in PYTHON	151
14	ECE	6	15UEC864 - Android	160
15	EEE	4	15UEE864 - Solar Photovoltaic Technology	110
16	EEE	6	15UEE867 - Energy Storage Systems	101
17	IT	4	15UIT867 - Logics of Programming	28
18	IT	4	15UIT870 - PHP Fundamentals	28
19	IT	6	15UIT868 - Arduino Raspberry pi	27
20	IT	6	15UIT869 - No SQL	27
21	CIVIL	6	15UCE870 - Building Planning and Byelaws	40
22	CIVIL	6	15UCE874 - Building Energy Audit	40
23	CHEMICAL	4	15UCH861 - MATLAB for Chemical Engineering	23
24	AE	6	15UAG862 - Mushroom Cultivation	58
25	BM	4	15UBM862 - LabView for Medical Applications	48
26	BM	6	15UBM867 - Medical Science	53



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Industry Designed Courses Completed by the Students

Academic Year 2019-2020 odd

S.NO	Department	Semester	Course Code	Course Name	No of Students
1	Mech	5	15UME861	Smart Materials	69
2	Mech	5	15UME863	Solar Energy	71
3	Mech	5	15UME864	Basics in Refrigeration and Air Conditioning	72
4	Mech	5	15UME866	Work Study	71
5	Mech	7	15UME861	Smart Materials	10
6	Mech	7	15UME863	Solar Energy	9
7	Mech	7	15UME864	Basics in Refrigeration and Air Conditioning	18
8	Mech	7	15UME865	Jigs and Fixtures	9
9	Mech	7	15UME866	Work Study	20
10	CSE	5	15UCS862	Multimedia	154
11	ECE	3	15UEC862	PCB Design	149
12	ECE	5	15UEC861	PIC Embedded Programming	162
13	EEE	5	15UEE861	Wind farm Development and Operation	100
14	CIVIL	5	15UCE863	Water Conservation Techniques	60
15	CIVIL	7	15UCE861	Green Building Concepts	37
16	CIVIL	7	15UCE865	CONSTRUCTION SAFETY AND MANAGEMENT	46
17	CIVIL	7	15UCE872	Special Concretes	57
18	CHEMICAL	5	15UCH866	Pollution control Engineering	35
19	CHEMICAL	7	15UCH873	Computational Fluid Dynamics	24
20	AE	5	15UAG863	Vermicompost Technology	58
21	AE	7	15UAG867	Energy Audit and Management	57
22	BM	3	15UBM861	Introduction to MATLAB	49
23	BM	5	15UBM866	Multimedical Equipments Operating Skills Laboratory	53
24	BM	7	15UBM869	Artificial Intelligence in Healthcare	43



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Industry Designed Courses Completed by the Students

Academic Year 2018-19 even

S.NO	Department	Semester	Course Code	Course Name	No of Students
1	Mech	4	15UME861	Smart Materials	72
2	Mech	4	15UME863	Solar Energy	72
3	Mech	4	15UME864	Basics in Refrigeration and Air Conditioning	71
4	Mech	4	15UME866	Work Study	71
5	Mech	6	15UME861	Smart Materials	69
6	Mech	6	15UME862	CNC Programming	65
7	Mech	6	15UME865	Jigs and Fixtures	71
8	Mech	6	15UME866	Work Study	70
9	CSE	4	15UCS863	PYTHON Programming	155
10	CSE	6	15UCS866	R Programming	208
11	ECE	4	15UEC863	Programming in PYTHON	164
12	ECE	6	15UEC864	Android	188
13	EEE	4	15UEE865	Industrial safety measures	102
14	EEE	6	15UEE867	Energy Storage Systems	135
15	IT	4	15UIT863	Web Programming with PHP	44
16	IT	6	15UIT861	IT INFRASTRUCTURE MANAGEMENT SERVICES	47
17	CIVIL	6	15UCE861	Green Building Concepts	48
18	CIVIL	6	15UCE865	CONSTRUCTION SAFETY AND MANAGEMENT	49
19	CHEMICAL	4	15UCH861	MATLAB for Chemical Engineering	35
20	CHEMICAL	6	15UCH871	MEMBRANE TECHNOLOGY	25
21	AE	6	15UAG862	Mushroom Cultivation	57
22	BM	4	15UBM865	Medical Coding	53
23	BM	6	15UBM867	Medical Science	44

					
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Industry Designed Courses Completed by the Students					
Academic Year 2018-19 Odd					
S.NO	Departme	Semester	Cource Code	Course Name	No of Students
1	Mech	5	15UME862	CNC Programming	17
2	Mech	5	15UME863	Solar Energy	177
3	Mech	5	15UME866	Work Study	5
4	Mech	7	15UME861	Smart Materials	11
5	Mech	7	15UME864	Basics in Refrigeration and Air Conditioning	17
6	Mech	7	15UME866	Work Study	27
7	CSE	5	15UCS862	Multimedia	212
8	ECE	3	15UEC862	PCB Design	165
9	ECE	5	15UEC862	PCB Design	1
10	ECE	7	15UEC864	Android	83
11	EEE	5	15UEE861	Wind farm Development and Operation	135
12	EEE	5	15UEE864	Solar Photovoltaic Technology	2
13	CIVIL	5	15UCE863	Water Conservation Techniques	53
14	CIVIL	7	15UCE872	Special Concretes	197
15	CHEMIC	5	15UCH861	MATLAB for Chemical Engineering	25
16	CHEMIC	7	15UCH862	Simulation on process Fundamentals	52
17	AE	5	15UAG863	Vermicompost Technology	57
18	BM	3	15UBM861	Introduction to MATLAB	53
19	BM	5	15UBM866	Multimedical Equipments Operating Skills Laboratory	44

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Industry Designed Courses Completed by the Students					
Academic Year 2017-18 even					
S.NO	Department	Semester	Course Code	Course Name	No of Students
1	Mech	4	15UME861	Smart Materials	58
2	Mech	4	15UME864	Basics in Refrigeration and Air Conditioning	122
3	Mech	4	15UME865	Jigs and Fixtures	22
4	Mech	6	15UME861	Smart Materials	29
5	Mech	6	15UME863	Solar Energy	26
6	Mech	6	15UME865	Jigs and Fixtures	15
7	Mech	6	15UME866	Work Study	30
8	CSE	4	15UCS863	PYTHON Programming	121
9	CSE	4	15UCS867	Windows System Administration	92
10	CSE	6	15UCS861	Software Project Management	135
11	CSE	6	15UCS866	R Programming	48
12	ECE	4	15UEC863	Programming in PYTHON	190
13	ECE	6	15UEC863	Programming in PYTHON	178
14	EEE	4	15UEE864	Solar Photovoltaic Technology	138
15	EEE	6	15UEE867	Energy Storage Systems	201
16	IT	4	15UIT863	Web Programming with PHP	16
17	IT	4	15UIT864	Android Programming-I	31
18	CIVIL	6	15UCE861	Green Building Concepts	57
19	CHEMICAL	4	15UCH866	Pollution control Engineering	25
20	CHEMICAL	6	15UCH871	MEMBRANE TECHNOLOGY	52
21	BM	4	15UBM865	Medical Coding	44



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Industry Designed Courses Completed by the Students

Academic Year 2017-18 Odd

S.NO	Department	Semester	Course Code	Course Name	No of Students
1	Mech	5	15UME862	CNC Programming	44
2	Mech	5	15UME863	Solar Energy	68
3	CSE	5	15UCS863	PYTHON Programming	48
4	CSE	5	15UCS865	ASP.NET	136
5	CSE	5	15UIT866	Foundation Program 5.0	43
6	ECE	3	15UEC862	PCB Design	190
7	ECE	5	15UEC861	PIC Embedded Programming	180
8	EEE	5	15UEE864	Solar Photovoltaic Technology	201
9	EEE	5	15UIT866	Foundation Program 5.0	38
10	IT	5	15UIT866	Foundation Program 5.0	35
11	CIVIL	5	15UCE863	Water Conservation Techniques	33
12	CHEMICAL	5	15UCH870	Waste Recycling from Pulp and Textile Mills	52
13	BM	3	15UBM861	Introduction to MATLAB	44