Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 2

2.6.1 The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution.

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.

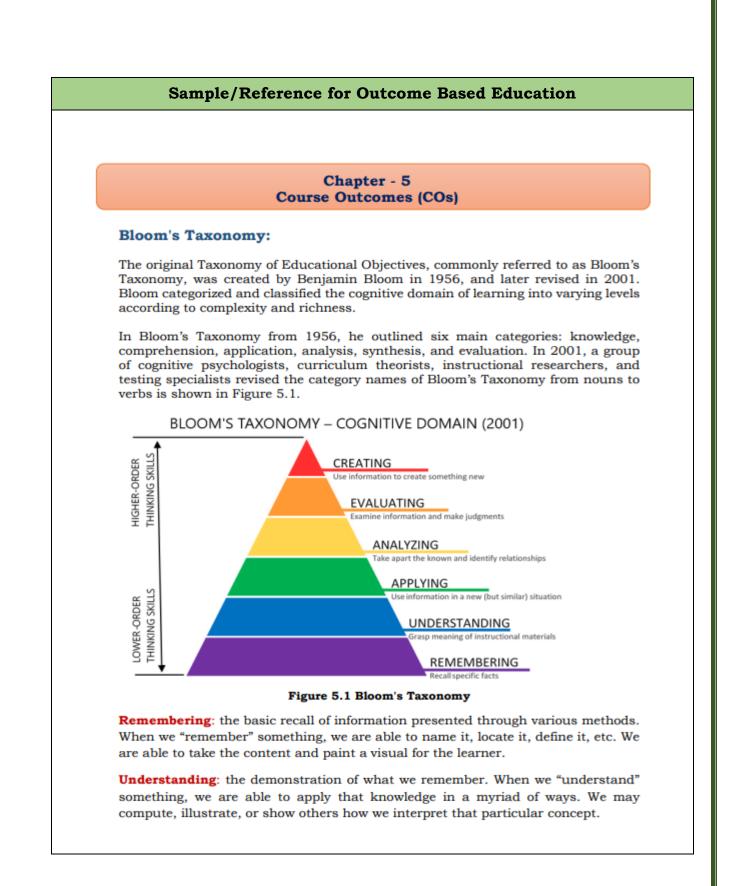
Im 5/2/24

IQAC – Chairperson

Internal Quality Assurance Cell Govt. College of Engineering Salem - 636 011. 2.6.1 The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution.

Description	Link
OBE Manual	<u>2.6.1 / Link 1</u>
CO – PO & PSO Attainment	<u>2.6.1 / Link 2</u>

PRINCIPAL GOVT. COLLEGE OF ENGG. SALEM-636 011



Sample/Reference for CO, PO & PSO Attainment rating

Department of Mechanical Engineering

Calculation of Weighted average and Fixing Target level for POs & PSOs

Target value of PO & PSO: 70% of Weighted Average

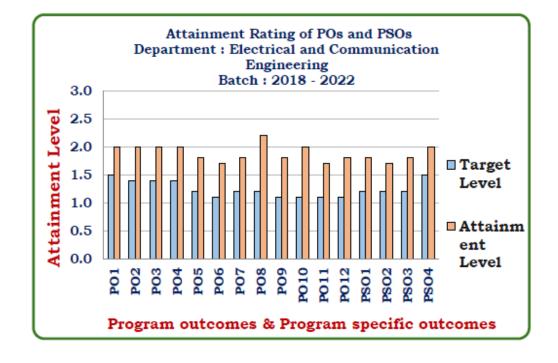
5						B	atch	201	8 -2	022							
Sem	Course	Program Outcomes (PO)											Program Specific Outcomes (PSO)				
Jem	Code	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
					1	Progr	am A	rticul	ation	Mat	rix						
1	18MA101	3.0	3.0	-	2.0	1.0	-		-	-	1.0	-	-		-		-
1	18PH102	2.0	1.0	-	1.0		-	2.0	-	2.0	-	-	1.0	-	-	-	-
1	18ME101	0.4	1.0	0.6	0.6	0.4	-	-	-	-	0.6	-	0.4	1.4	1.4	1.6	-
1	18EE103	3.0	2.2	-	1.2	1.0	0.2	0.2	-	-	-	-	-	-	-	-	-
1	18PH103	3.0	2.0	-	2.5	2.0	-	-		2.5	0.5	-	1.5	1.0	1.0	1.0	-
1	18CY102	1.3	1.7	-	3.0		-		-	-		-	-	2.0	-	-	-
1	18EE104	2.8	1.6	+	1.4	1.0	-	0.4	0.4	-	-	-	1.0	-	-	-	-
1	18EN103	-	-	+	-		-		-	1.5	3.0	-	1.8	-	-	1.3	-
2	18EN101	10-	-		- 53			-		1.6	3.0	-	1.6	-		1.2	
2	18MA201	3.0	2.0	-	2.0		-	-	-	-	-	- 2-	-	2.0	-	-	-
2	18CY101	1.3	1.7	-	3.0	-	2.0	-		1 -	1-1	-	-	-	-	-	
2	18CS101	2.2	1.6	-	2.0	2.0	-	0.4	-	-	1.0	1.6	1.0	1.4	1.6	-	-
2	18EN102	1.4	-	÷	-	-	-	-	-	1.5	3.0	-	1.8	-	-	1.3	
2	18CS102	2.0	2.0	1.0	2.0	1.0	-	-		-			2.0		2.0	1.0	
2	18ME102	1.0	1.0	2.0	2.0	1.0	1.0	-	1.0	1.0	-	-	1.0	1.0	1.0	2.0	
3	18PH202	2.8	2.8	+	2.2	2.8	1.0	1.3	-	1.0	4	-	2.8	1.8	1.040	1.8	1
3	18MA204	2.3	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
3	18ME301	-	1.2	-	1.0	- 1	-	1.0	-	1.3	. * 0	1.0	-	2.0	1.0	1.4	-
3	18ME302	1.2	1.5	-	-	-	-	-	-	-	*	-	-	1.0	1.0	-	-
3	18ME303	1.4	1.8	1.6	1.8	2.0	1.2	1.0	-	-	-	10	-	1.4	1.8	1.6	
3	18EC308	3.0	1.5	1.0	2.0	-	+	-	-	1.0	-	-	-	2.0	1	2.0	1.1
3	18ME304	1.5	2.0	1.5	2.0	1.5	-	-	1.0	=	= 0	+	1.0	1.5	1.5	1.5	
3	18EC309	2.5	2.0	2.4	2.0	-	-	1.50	2.0	-	-		2.0	2.5	1.6	1.5	
4	18ME401	2.6	2.0	1.8	1.4	1.0	-		-	12	-	-		2.6	2.2	-	+
4	18ME402	3.0	2.0	2.3	2.0	-	1.5	-	4		-		-	3.0	2.0	1.0	-
4	18ME403	2.5	2.0	3.0	1.7		1		1.0			-	1.0	2.3	2.3	1.0	-
4	18ME404	2.4	1.8	1.4	1.5	(\mathbf{x}^{*})	*		1	-	-	-	-	1.8	2.0	1.0	
4	18ME405	1.0	1.3	1.8	1.3	1.0	1.3	1.0	-	-	-	-	-	2.3	2.8	1.0	-

Sample/Reference for CO, PO & PSO Attainment rating

Overall Attainment Rating of POs and PSOs

Batch				Pro	gran	n Ou	tcon	nes (l	PO)				Out	Spe	ram cific es (P	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
					Ba	tch:	201	18 - 2	2022							
Target Level	1.5	1.4	1.4	1.4	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.5
Overall Attainme nt Level	2.0	2.0	2.0	2.0	1.8	1.7	1.8	2.2	1.8	2.0	1.7	1.8	1.8	1.7	1.8	2.0
					Ba	tch:	201	9 - 2	2023							
Target Level	1.6	1.5	1.4	1.4	1.2	1.1	1.1	1.0	1.2	1.4	1.2	1.3	1.4	1.1	1.2	1.6
Overall Attainme nt Level	2.1	2.0	1.9	1.9	1.7	1.7	1.6	1.6	1.6	1.9	1.7	1.9	1.9	1.7	1.7	2.1

Department of Electrical and Communication Engineering



Sample/Reference for CO, PO & PSO Attainment rating

		_		Governn	nent College of Engine	eering, Salem - 11			
				Dep	artment of Mechanics	l Engineering			
				1	Regulation 20	18			
				Acaden	nic Year 2020 - 2021	(Even Semester)	100		
_				-	Batch 2018 - 2	022			
Subject	Code		18M	EPE61		Class & Section		VI Sem	
Subject	Name		Cryogenic	Enginee	ring	No. of Students		45	
	Name of	the Fac	ulty	Dr.S.	SIVALAKSHMI		-		
CO1 CO2 CO3 CO4	Understa Underst analyze	and the parts	properties cry concepts of le ormance para	ogenic i ow temp meters o	erature production m of various gas liquefac		tems.		
C05		and inst	ous types of in		n in cryogenics. enics.	And			
C05	Understa ytic Repo	and inst					Attain	CAY - Explanation for fixing new threshold and target	Proposed action plan
CO5 Cos Analy	Understa	and instr rt	rumentation i		enics. Tan			CAY - Explanation for fixing new threshold and target	1) All COs are attainment, hence the
CO5 Cos Analy	Understa	rt Cos	rumentation i Threshold		nics. Tan (N 70% and above of s		ment /%)	new threshold and target Based on three years internal	
CO5 Cos Analy	Understa ytic Repor	rt Cos CO1	rumentation i Threshold 70	Level	mics. Tag (% 70% and above of si set ta 60-70% of studen) udents scored more than rget(>=70%) ts scored more than set	ment /%) 3	new threshold and target Based on three years internal assessment and end semester examination performance, 70% marks are set as	1) All COs are attainment, hence the
CO5 Cos Analy Academi	Understa ytic Repor	rt Cos CO1 CO2	Threshold 70 70	n cryoge Level	mics. Tag (% 70% and above of si set ta 60-70% of studen) tudents scored more than rget(>=70%)	ment /%) 3 3	new threshold and target Based on three years internal assessment and end semester examination performance,	1) All COs are attainment, hence the