Guru Gobind Singh College of Engineering & Research Centre, Nashik

Feedback Analysis
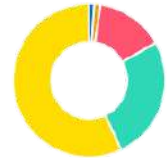
Title : 2023-04-Stud-TL-AEDC
Academic Year : 2022-23
Class : SEM-8 : BEEE [Electrical Engineering]
Details : Prasad Phad

Total number of response(s) : 71 / 81

Question	Has the Teacher covered entire Syllabus as prescribed by University?			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	3	3	0.85
🟠 Poor	2	2	4	1.13
🔴 Good	3	14	42	11.83
🟢 Very Good	4	19	76	21.41
🟡 Excellent	5	33	165	46.48
Performance				81.69
Final Attainment				2.45

Question	Has the Teacher covered relevant topics beyond syllabus			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	1	1	0.28
🟠 Poor	2	2	4	1.13
🔴 Good	3	13	39	10.99
🟢 Very Good	4	20	80	22.54
🟡 Excellent	5	35	175	49.30
Performance				84.23
Final Attainment				2.53

Question	Effectiveness of Teacher in terms of: (a) Technical content/course content (b) Communication skills (c) Use of teaching aids (ICT, PPT)			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	2	2	0.56
🟠 Poor	2	1	2	0.56
🔴 Good	3	16	48	13.52
🟢 Very Good	4	18	72	20.28
🟡 Excellent	5	34	170	47.89
Performance				82.82
Final Attainment				2.48

Question	Pace on which contents were covered			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	1	1	0.28
🟠 Poor	2	2	4	1.13
🔴 Good	3	10	30	8.45
🟢 Very Good	4	23	92	25.92
🟡 Excellent	5	35	175	49.30
Performance				85.07
Final Attainment				2.55

Question	Motivation and inspiration for students to learn and apply professional ethics.			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	2	2	0.56
🟠 Poor	2	1	2	0.56
🔴 Good	3	16	48	13.52
🟢 Very Good	4	20	80	22.54
🟡 Excellent	5	32	160	45.07
Performance				82.25
Final Attainment				2.47

Question	Support for the development of Students' skill (i) Practical demonstration (ii) Hands on training (iii) Case Study / Other			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	2	2	0.56
🟠 Poor	2	4	8	2.25
🔴 Good	3	13	39	10.99
🟢 Very Good	4	24	96	27.04
🟡 Excellent	5	28	140	39.44
Performance				80.28
Final Attainment				2.41

Question	Clarity of expectations of students			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	2	2	0.56
🟠 Poor	2	1	2	0.56
🔴 Good	3	11	33	9.30
🟢 Very Good	4	18	72	20.28
🟡 Excellent	5	39	195	54.93
Performance				85.63
Final Attainment				2.57

Question	Feedback provided on Students' progress			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	2	2	0.56
🟠 Poor	2	1	2	0.56
🔴 Good	3	14	42	11.83
🟢 Very Good	4	24	96	27.04
🟡 Excellent	5	30	150	42.25
Performance				82.25
Final Attainment				2.47

Question	Willingness to offer help and advice to Students on Personal & Technical aspects.			
Answer	Value	No. of response(s)	Response value	Response %
🔵 Very Poor	1	3	3	0.85
🟠 Poor	2	0	0	0.00
🔴 Good	3	18	54	15.21
🟢 Very Good	4	19	76	21.41
🟡 Excellent	5	31	155	43.66
Performance				81.13
Final Attainment				2.43

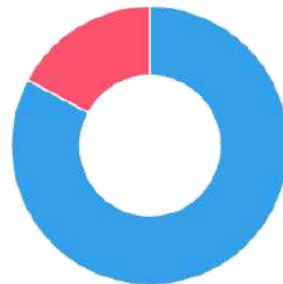**NOTE:**

- Response Value = (Value * Total Number of Responses)
- Response % = (Response Value / (Max Value * Total Number of Responses))

Questionwise Attainment

Activity Number	Attainment
1	2.45
2	2.53
3	2.48
4	2.55
5	2.47
6	2.41
7	2.57
8	2.47
9	2.43

Program outcome and question mapping

AO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1														
AO2											3			
AO3	3				3					3				
AO4										3				
AO5								3						
AO6											3	3		
AO7										3				
AO8										3				
AO9			3			3	3					3		
Average	3.00		3.00		3.00	3.00	3.00			3.00	3.00	3.00		

Program outcome attainment

AO	AO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2.45														
AO2	2.53											2.53			
AO3	2.48	2.48				2.48					2.48				
AO4	2.55										2.55				
AO5	2.47								2.47						
AO6	2.41											2.41	2.41		
AO7	2.57										2.57				
AO8	2.47										2.47				
AO9	2.43			2.43			2.43	2.43					2.43		
Average	2.48	2.48		2.43		2.48	2.43	2.43	2.47		2.52	2.47	2.42		

Achieved 82.82 | Scope for improvement 17.18

Feedback Analysis

Title : 2023-05-EE-Stud-Cexit-EM
Academic Year : 2022-23
Class : SEM-6 : TEEE [Electrical Engineering]
Details : 303151D: Energy Management - Theory | Regular (Sonali Gosavi)

Total number of response(s) : 56 / 68

Question	At what level do you understand importance of energy Conservation and energy security and impact of energy use on environment			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	23	115	41.07
● Moderate	4	29	116	41.43
● Average	3	4	12	4.29
Performance				86.79
Final Attainment				2.60

Question	At what level you can understand follow format of energy management, energy policy			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	22	110	39.29
● Moderate	4	29	116	41.43
● Average	3	5	15	5.36
Performance				86.07
Final Attainment				2.58

Question	At what level you can understand demand side management tools and impact of tariff on demand management			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	20	100	35.71
● Moderate	4	31	124	44.29
● Average	3	5	15	5.36
Performance				85.36
Final Attainment				2.56

Question	At what level you can understand importance of Data Analytics in Energy audit and audit process			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	26	130	46.43
● Moderate	4	26	104	37.14
● Average	3	4	12	4.29
Performance				87.86
Final Attainment				2.64

Question	At what level you can understand calculate energy consumption and saving options with economic feasibility.			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	21	105	37.50
● Moderate	4	31	124	44.29
● Low	3	4	12	4.29
Performance				86.07
Final Attainment				2.58

Question	At what level you can understand use of appropriate energy conservation measure in field applications or industry.			
Answer	Value	No. of response(s)	Response value	Response %
● High	5	20	100	35.71
● Moderate	4	32	128	45.71
● Average	3	4	12	4.29
Performance				85.71
Final Attainment				2.57

NOTE:
- Response Value = (Value * Total Number of Responses)
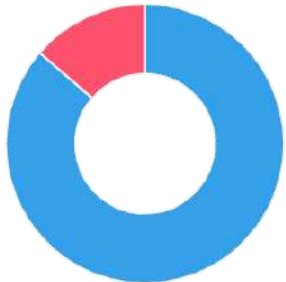- Response % = (Response Value / (Max Value * Total Number of Responses))

Questionwise Attainment

Activity Number	Attainment
1	2.60
2	2.58
3	2.56
4	2.64
5	2.58
6	2.57

Program outcome and question mapping

AO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1		2				2	2	3	2			3	2	
AO2		2	3	2		3			2					2
AO3	2				3		2	2				1		2
AO4		2	2	3	2	1							1	
AO5	2			1		3				1	3		2	
AO6	2			3					2	2			3	
Average	2.00	2.00	2.50	2.25	2.50	2.25	2.00	2.50	2.00	1.50	3.00	2.00	2.00	2.00

Program outcome attainment

AO	AO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2.60		1.74				1.74	1.74	2.60	1.74			2.60	1.74	
AO2	2.58		1.72	2.58	1.72		2.58			1.72					1.72
AO3	2.56	1.71				2.56		1.71	1.71				0.85		1.71
AO4	2.64		1.76	1.76	2.64	1.76	0.88							0.88	
AO5	2.58	1.72			0.86		2.58				0.86	2.58		1.72	
AO6	2.57	1.71			2.57					1.71	1.71			2.57	
Average	2.59	1.71	1.74	2.17	1.95	2.16	1.94	1.72	2.16	1.72	1.29	2.58	1.73	1.73	1.71

Achieved 86.31 | Scope for improvement 13.69

AO	AO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2.60		1.74				1.74	1.74	2.60	1.74			2.60	1.74	
AO2	2.58		1.72	2.58	1.72		2.58			1.72					1.72
AO3	2.56	1.71				2.56		1.71	1.71				0.85		1.71
AO4	2.64		1.76	1.76	2.64	1.76	0.88							0.88	
AO5	2.58	1.72			0.86		2.58				0.86	2.58		1.72	
AO6	2.57	1.71			2.57					1.71	1.71			2.57	

Feedback Analysis

Title : EE-BE-Industrial visit-Dahanu
Academic Year : 2022-23
Class : SEM-8 : BEEE [Electrical Engineering]
Details : Activity

Total number of response(s) : 70 / 81

Question	At What level Do you you Understand Power Plant?			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	29	87	41.43
🟠 Medium	2	36	72	34.29
🔴 Low	1	5	5	2.38
Performance				78.10
Final Attainment				2.34

Question	At what level do you understand Process of Electricity generation ?			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	33	99	47.14
🟠 Medium	2	33	66	31.43
🔴 Low	1	4	4	1.90
Performance				80.48
Final Attainment				2.41

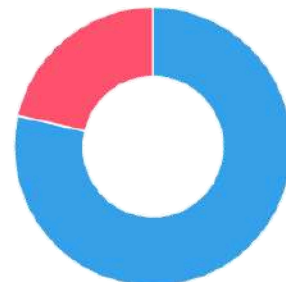| Question	How was Your Overall Experience?			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	30	90	42.86
🟠 Medium	2	32	64	30.48
🔴 Low	1	8	8	3.81
Performance				77.14
Final Attainment				2.31

NOTE:
- Response Value = (Value * Total Number of Responses)
- Response % = (Response Value / (Max Value * Total Number of Responses))

Questionwise Attainment	
Activity Number	Attainment
1	2.34
2	2.41
3	2.31

Program outcome and question mapping

AO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	3					2	2	3			2	3		
AO2	3					2	2	2			2	3		
AO3	3					2	2	2			2	3		
Average	3.00					2.00	2.00	2.33			2.00	3.00		

Program outcome attainment

AO	AO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2.34	2.34					1.56	1.56	2.34			1.56	2.34		
AO2	2.41	2.41					1.61	1.61	1.61			1.61	2.41		
AO3	2.31	2.31					1.54	1.54	1.54			1.54	2.31		
Average	2.36	2.36					1.57	1.57	1.83			1.57	2.36		

Achieved 78.57 | Scope for improvement 21.43

Feedback Analysis

Title : Expert Talk - What it mean to be an engineer?
Academic Year : 2022-23
Class : SEM-7 : BEEE [Electrical Engineering]
Details : Activity

Total number of response(s) : 68 / 81

Question	At what level Expert Lecture help you to apply the knowledge of mathematics, science, Electrical Engineering fundamentals to get the solution for different engineering problems. ? [PO-1]			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	41	123	60.29
🟠 Moderate	2	23	46	22.55
🔴 Low	1	4	4	1.96
Performance				84.80
Final Attainment				2.54

Question	At what level Expert Lecture help you to identify, formulate and analyze different Electrical Engineering problems and reaching sustained conclusion? [PO-2]			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	37	111	54.41
🟠 Moderate	2	27	54	26.47
🔴 Low	1	4	4	1.96
Performance				82.84
Final Attainment				2.49

Question	At what level Expert Lecture help you to designing the solutions for different electrical engineering problems, components or processes that meet the specified needs? [PO-3]			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	40	120	58.82
🟠 Moderate	2	24	48	23.53
🔴 Low	1	4	4	1.96
Performance				84.31
Final Attainment				2.53

Question	At what level Expert Lecture help you to utilizeknowledge of Electrical Engineering for investigations of complex problems ? [PO-4]			
Answer	Value	No. of response(s)	Response value	Response %
🔵 High	3	34	102	50.00
🟠 Moderate	2	30	60	29.41
🔴 Low	1	4	4	1.96
Performance				81.37
Final Attainment				2.44

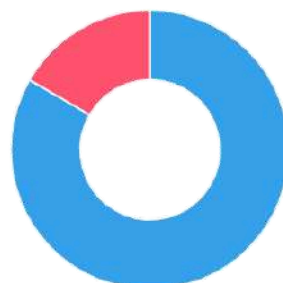**NOTE:**
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- Response % = (Response Value / (Max Value * Total Number of Responses))

Questionwise Attainment

Activity Number	Attainment
1	2.54
2	2.49
3	2.53
4	2.44

Program outcome and question mapping

AO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2		3											
AO2	2		3											
AO3	2		3											
AO4	2		3											
Average	2.00		3.00											

Program outcome attainment

AO	AO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AO1	2.54	1.70		2.54											
AO2	2.49	1.66		2.49											
AO3	2.53	1.69		2.53											
AO4	2.44	1.63		2.44											
Average	2.50	1.67		2.50											

Achieved 83.33 | Scope for improvement 16.67