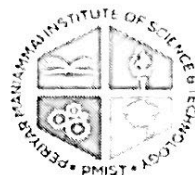


DEPARTMENT OF PHYSICS



Course Outcome Attainment

Course Code	CO1	CO2	CO3	CO4	CO5
XGL101	95	95	95	95	89
XGL102A	89	84	84	84	79
XMG103	37	37	37	37	32
XPH104	63	63	63	63	63
XPH105	42	42	42	42	32
XUM106	58	47	47	47	42
XPH107	100	100	100	100	100
XGL201	100	100	100	100	100
XES202	100	100	100	100	100
XMG203	100	95	95	95	100
XPH204	100	100	100	100	100
XPH205	100	100	100	100	100
XPH206	100	100	100	100	100
XPH301	100	100	100	100	100
XCG302	84	49	79	79	79
XPH303	95	95	95	95	89
XPH304	95	95	95	95	89
XCG305	100	100	100	100	100
XUM306	74	74	74	74	74
XPH307	100	100	100	100	100
XPH401	100	100	100	100	100
XCG402	100	100	100	100	100
XPH403	100	100	100	100	89
XPH404	100	100	100	100	100
XBTOE7	100	100	100	100	100
XCG405	100	100	100	100	100
XPH406	100	100	100	100	100
XPH501	100	100	100	100	100
XPH502A	80	80	80	80	80
XPH503A	95	95	95	95	95
XPH504A	80	80	80	80	80
XPH505	100	100	100	100	100

XPH506	100	100	100	100	100
XPTOE2	100	100	100	100	100
XPH601	100	100	100	100	100
XPH602B	53	47	47	47	42
XPH603A	53	53	53	53	47
XPH604	100	100	100	100	100
XPH605	100	100	100	100	100

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Department of Physics

Batch 2019-2022

FINAL PO ATTAINMENT

SEM		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
I	Direct	53.74	48.97	48.49	46.66	52.65	52.37	66.9	66.91	
	Direct (85%)	45.68	41.62	41.22	39.66	44.75	44.51	56.87	56.87	
	INDIRECT	86.00	85.93	84.33	85.69	85.58	85.06	85.50	85.69	
	Indirect (15%)	12.90	12.89	12.65	12.85	12.84	12.76	12.83	12.85	
	FINAL (100%)	58.58	54.51	53.87	52.51	57.59	57.27	69.69	69.73	
II	Direct	79.47	69.76	54.97	65.77	89.49	64.07	77.91	62.89	
	Direct (85%)	67.55	59.30	46.72	55.90	76.07	-	66.22	53.46	
	INDIRECT	87.07	86.25	87.82	86.89	87.07	87.4	87.64	87.40	
	Indirect (15%)	13.06	12.94	13.17	13.03	13.06	-	13.15	13.11	
	FINAL (100%)	80.61	72.23	59.90	68.94	89.13	-	79.37	66.57	
III	Direct	73.46	73.56	21.42	72.77	69.97	72.29	80.91	72.1	
	Direct (85%)	62.44	62.53	18.21	61.85	59.47	61.45	68.77	61.29	
	INDIRECT	88.83	89.00	88.57	88.81	89.06	88.73	88.89	88.92	
	Indirect (15%)	13.33	13.35	13.29	13.32	13.36	13.31	13.33	13.34	
	FINAL (100%)	75.77	75.88	31.49	75.18	72.83	74.76	82.11	74.62	
IV	Direct	82.6	57.31	9.52	83.28	79.67	79.93	86.11	72.51	
	Direct (85%)	70.21	48.71	8.09	70.79	67.72	67.94	73.19	61.63	
	INDIRECT	90.15	89.375	89	90.15385	89.9375	90.28571	90.15	90.07692	

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..	Indirect (15%)	13.52	13.41	13.35	13.52	13.49	13.54	13.52	13.51	
	FINAL (100%)	83.73	62.12	21.44	84.31	81.21	81.48	86.72	75.15	
V	Direct	78.98	71.76	0	70.67	69.16	64.96	64.55	61.39	
	Direct (85%)	67.13	61.00	0.00	60.07	58.79	55.22	54.87	52.18	
	INDIRECT	85.07	86.89	90.00	87.10	83.43	85.60	85.29	81.33	
	Indirect (15%)	12.76	13.03	13.50	13.07	12.51	12.84	12.79	12.20	
	FINAL (100%)	79.89	74.03	13.50	73.13	71.30	68.06	67.66	64.38	
VI	Direct	57.46	60.23	0	58.44	58.66	64.13	62	55.45	
	Direct (85%)	48.84	51.20	-	49.67	49.86	-	52.70	47.13	
	INDIRECT	87.23	87.00	87.5	87.00	87.18	87.25	87.15	87.20	
	Indirect (15%)	13.08	13.05	-	13.05	13.08	-	13.07	13.08	
	FINAL (100%)	61.93	64.25	-	62.72	62.94	-	65.77	60.21	
	Final Avg	73.42	67.17	36.04	69.47	72.50	70.39	75.22	68.44	

Shawaraj
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Department of Physics
Batch 2019-2022
INDIRECT ATTAINMENT

COURSE CODE	COURSE Name	FEED BACK ON COURSE OUT OF 100	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
XGL101	Communication Skills in English	90	3	2	1	2	3	2	0	2	
XGL102A	Ariviyal Tamil - Comprehensive English	82	3	2	2	2	3	3	0	2	
XMG103	Algebra, Trigonometry and Transform	85	3	2	1	2	3	2	0	2	
NPH104	Properties of Matter and Sound	90	3	2	1	2	3	2	0	2	
NPH105	Mechanics and Special Theory of Relativity	85	3	3	2	2	3	3	3	2	
XUM106	Human Ethics, Values, Rights and Gender Equality	80	3	2	2	2	3	3	3	2	
NPH107	Physics Practical I	90	3	2	0	2	3	2	3	2	
	Average		86.00	85.93	84.33	85.67	85.56	85.26	85.67	85.67	
XGL201	English for Effective Communication	92	2	2	3	1	2	3	2	2	
XES202	Environmental Studies	85	3	2	2	2	3	3	0	2	
XMG203	Calculus and Differential Equations	87	3	2	2	2	3	3	3	2	
XPH204	Electricity and Magnetism	85	3	2	2	2	3	3	3	2	
XPH205	Atomic Physics	88	3	2	2	2	3	3	3	2	
XPH206	Physics Practical II	80	3	2	0	2	1	2	3	2	
	Average		87.07	85.25	87.82	85.83	87.07	87.47	87.84	87.47	
XPH301	Physics Workshop Skills	83	3	2	1	3	2	3	3	2	
XCG302	Inorganic, Organic and Physical Chemistry I	90	2	1	1	2	2	2	2	2	
XPH303	Heat and Thermodynamics	93	3	2	0	2	3	2	3	2	
XPH304	Basic Electronics	85	3	2	1	2	3	2	3	2	
XCG305	Volumetric and Qualitative Analysis	92	3	2	1	3	2	3	3	2	
XUM306	Disaster Management	90	3	2	1	2	3	2	3	2	
NPH307	Physics Practical III	90	1	3	2	2	2	1	2	2	
	Average		88.83	89.00	88.57	88.81	89.26	89.70	88.81	89.40	
XPH401	Electrical Circuit Network Skills	90	3	2	0	2	3	2	3	2	
XCG402	Inorganic, Organic and Physical Chemistry II	93	2	1	1	2	2	2	2	2	
XPH403	Waves and Optics	90	3	2	0	2	3	2	3	2	
XPH404	Analog & Digital electronics	92	3	1	0	1	3	2	3	2	
NBTOE7	Open elective	85	3	2	1	2	3	2	3	2	
XCG405	Volumetric and Qualitative Analysis	89	3			2	1	2	3	2	
XPH406	Physics Practical IV	93	3			2	1	2	3	2	
	Average		90.15	89.38	89.00	90.15	89.94	90.26	89.56	90.15	
XPH501	Basic Instrumentation Skills	90	3	2	1	1	1	1	1	1	
XPH502A	Solid State Physics	85	1	1	0	1	1	0	2	2	
XPH503A	Nuclear and Particle Physics	89	1	1	0	2	0	0	2	2	
XPH504A	Microprocessor and C programming	90	1	1	0	2	1	0	2	2	
XPH505	Physics Practical V A	87	3	2		2	1	2	3	2	
XPH506	Physics Practical V B	82	3	2		2	1	2	3	2	
XPTOE2	Open elective	75	2	0	0	0	2	0	0	2	
	Average		85.07	86.89	90.00	87.10	83.43	85.60	88.26	87.77	
XPH601	Renewable Energy	85	2	1	0	3	2	2	3	2	
XPH602B	Material Science	87	3	2	0	2	3	2	3	2	
XPH603A	Micro Electro Mechanical System	89	2	0	0	2	2	2	3	2	
XPH604	Physics Practical VI A	90	3	2	1	2	2	3	2	2	
XPH605	Physics Practical VI B	85	3	2	1	2	2	3	2	2	
	Average		87.23	87.00	87.50	87.00	87.16	87.26	87.14	87.50	

S. S. Sanyal
HOD/phy

Department of Physics
Batch 2019-2022
FINAL PO ATTAINMENT

SEM	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
	F	F	F	F	F	F	F	F	F
I	53.74	46.7	66.9	80.34	80.74	82.29	85.62	88.18	
II	79.47	69.8	55	65.8	89.49	64.07	77.91	62.89	
III	73.96	73.6	21.4	72.77	69.97	72.29	80.91	72.10	
IV	82.6	57.3	9.52	83.28	79.67	79.93	86.11	72.51	
V	78.98	71.96	0.00	70.67	69.16	64.96	64.55	61.39	
VI	57.46	60.23	0.00	58.44	58.66	64.13	62.00	55.45	
PO Average	65.86	63.24	25.46	71.87	74.61	71.27	76.18	68.75	

J. D. D. D.
HOD / phy.

Department of Physics
Batch 2019-2022
SEMWISE PO DIRECT ATTAINMENT

SEM	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
I	53.74	48.97	48.49	46.66	52.65	52.37	66.9	66.91	
II	79.47	69.76	54.97	65.77	89.49	64.07	77.91	62.89	
III	73.46	73.56	21.42	72.77	69.97	72.29	80.91	72.1	
IV	82.6	57.31	9.52	83.28	79.67	79.93	86.11	72.51	
V	78.98	71.76	0	70.67	69.16	64.96	64.55	61.39	
VI	57.46	60.23	0	58.44	58.66	64.13	62	55.45	

Subbaraj
HOD (Physics)

Department of Physics
Batch 2019-2022
COURSEWISE CO VS PO DIRECT ATTAINMENT

Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
XGL101	74.74	74.74	61.40	74.74	74.74	76.56	94.74	69.74
XGL102A	66.32	70.04	56.14	66.32	66.32	63.97	84.21	61.84
XMG103	28.42	28.42	22.81	28.42	28.42	29.19	36.84	26.32
XPH104	58.30	48.58	39.47	42.11	47.37	50.53	63.16	47.37
XPH105	31.58	33.20	28.07	31.58	31.58	30.77	42.11	28.95
XUM106	36.84	38.87	31.58	36.84	36.84	35.63	47.37	34.21
XPH107	80.00	0.00	100.00	0.00	83.33	80.00	100.00	70.00
XGL201	80.00	0.00		0.00	83.33			
XES202	80.00	84.62	66.67	80.00	80.00	76.92	100.00	75.00
XMG203	76.84	81.38	63.16	76.84	76.84	73.68	94.74	72.37
XPH204	80.00	84.62	66.67	80.00	80.00	76.92	100.00	75.00
XPH205	80.00	84.62	66.67	80.00	80.00	76.92	100.00	75.00
XPH206	80.00	83.33		77.78	85.71	80.00	72.73	80.00
XPH301	80.00	80.00		80.00	80.00	80.00	100.00	75.00
XCG302	65.79	63.16	39.47	61.40	47.37	52.63	26.32	59.21
XPH303	74.74	74.74	0.00	76.56	74.74	76.56	94.74	69.74
XPH304	74.74	74.74	61.40	74.74	74.74	76.56	94.74	69.74
XCG305	80.00	80.00		80.00	80.00	80.00	100.00	75.00
XUM306	58.95	58.95	49.12	58.95	58.95	60.29	73.68	55.26
XPH307	80.00	83.33		77.78	80.00	80.00	76.92	80.00
XPH401	80.00	80.00		81.82	80.00	81.82	100.00	75.00
XCG402	83.33	80.00		77.78	60.00	66.67	33.33	75.00
XPH403	77.89	77.89		79.90	77.89	79.90	100.00	72.37
XPH404	80.00	83.33		85.71	80.00	81.82	100.00	75.00
XBTOE7	80.00	80.00	66.67	80.00	80.00	81.82	100.00	75.00
XCG405	80.00	0.00		77.78	80.00	80.00	78.57	60.00
XPH406	100.00	0.00		100.00	100.00	87.50	90.91	75.20
XPH501	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
XPH502A	5.50	3.29		5.54	5.50			
XPH503A	94.74	94.74		94.74	94.74	94.74	94.74	94.74
XPH504A	32.63	37.65		38.60	42.11			
XPH505	80.00	83.33		77.78	80.00	80.00	78.57	80.00
XPH506	80.00	83.33		77.78	80.00	80.00	78.57	80.00
XPTOE2	80.00	100.00		100.00	81.82	100.00	100.00	75.00
XPH601	81.82	83.33		80.00	80.00	100.00	100.00	75.00
XPH602B	4.43	4.85		4.68	4.55	4.40	3.57	4.13
XPH603A	41.05	51.46		51.97	42.11	52.63	52.63	38.16
XPH604	80.00	83.33		77.78	83.33	81.82	76.92	80.00
XPH605	80.00	83.33		77.78	83.33	81.82	76.92	80.00

Boonay
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Department of Physics
Batch 2019-2022

FINAL PO ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Overall PO (OA)	79.24	80.04	83.50	78.75	77.19	83.86	80.67	80.39	77.93
Direct (55%)	67.35	68.03	70.97	66.94	65.61	71.28	68.57	68.33	66.24
Program Exit Survey (15%)	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
FINAL PO (100%)	82.35	83.03	85.97	81.94	80.61	86.28	83.57	83.33	81.24

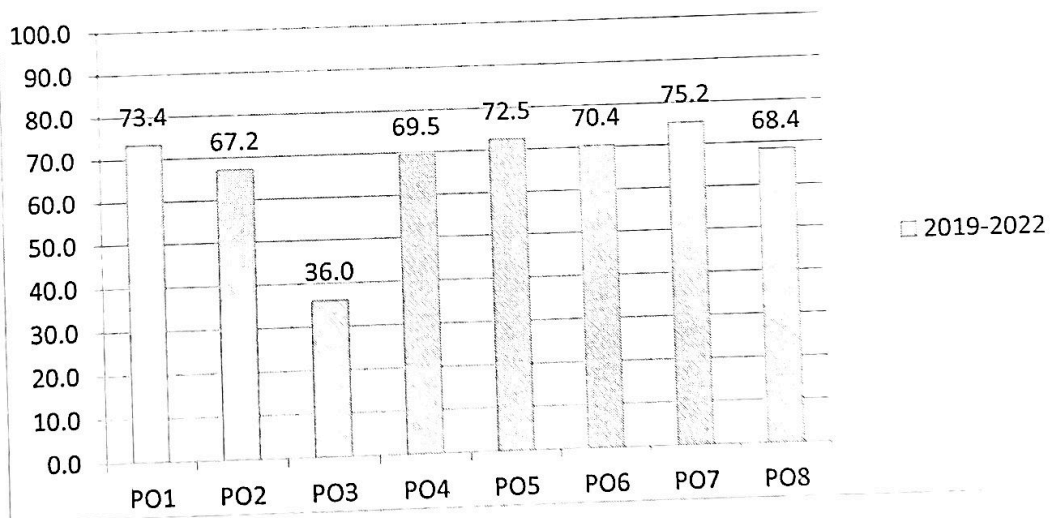
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HOD/POs.*

P. Varghese

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PO	2019-2022
PO1	73.4
PO2	67.2
PO3	36.0
PO4	69.5
PO5	72.5
PO6	70.4
PO7	75.2
PO8	68.4

PO ATTAINMENT 2019-2022



Edoanay
HOD / Jky.

P.ury

A. Linn