

OUTCOME ATTAINMENT REPORT

ADMISSION YEAR: 2019

MSC PHYSICS

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2019 M.Sc. Physics - Aided / Third / 2019 / PHY3E05 : Experimental Techniques

Course Outcomes	Components	Summary	PO Mapping	PSO Mapping	Grade	Attainment						
SL.	Code	Course Outcome	PO.1	PO.2	PO.3	PO.4	PO.5	PO.6	PO.7	PO.8	PO.9	PO.10
1	PHY3E05.1	Distinguish the working of vacuum pumps, vacuum gauges and other accessories associated with the creation of vacuum.	3	3	2	1		2				
2	PHY3E05.2	Compare different thin film deposition techniques, thickness and conductivity measurement of thin films.	3	3		2		2				
3	PHY3E05.3	Research on different particle accelerators, principle and their application	3	3								
4	PHY3E05.4	Review of nuclear techniques used for material analysis	3	2		2		2				
5	PHY3E05.5	Understand the concept of X-ray diffraction technique for identification and structural analysis of different materials.	3	3		3		3				

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Course Outcomes	Components	Summary	PO Mapping	PSO Mapping	Grade	Attainment	Re	
SL.	Code	Course Outcome		PSO.1	PSO.2	PSO.3	PSO.4	PSO.5
1	PHY3E05.1	Distinguish the working of vacuum pumps, vacuum gauges and other accessories associated with the creation of vacuum.		3		2	2	
2	PHY3E05.2	Compare different thin film deposition techniques, thickness and conductivity measurement of thin films.		3		2	2	
3	PHY3E05.3	Research on different particle accelerators, principle and their application		3	1	2	1	1
4	PHY3E05.4	Review of nuclear techniques used for material analysis		3	1	2	1	2
5	PHY3E05.5	Understand the concept of X-ray diffraction technique for identification and structural analysis of different materials.		3	2	2	1	1

CHRIST COLLEGE Consolidation Report

Name: ANJU CHACKO (CCATMPH003)

Batch: M.Sc. Physics - Aided

Year: 2019

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PO Consolidation

SL.	Code	Outcome	Atti.
1	PO.1	A thorough knowledge in the chosen discipline	0.7
2	PO.2	An aptitude for research	0.59
3	PO.3	An independent and individual way of thinking and communicating ideas	0.38
4	PO.4	The ability to access and utilize knowledge and information for personal and general good	0.37
5	PO.5	The discretion to engage in academic work with academic integrity	0.26
6	PO.6	The knowhow to function in multidisciplinary domains	0.53
7	PO.7	A global perspective, facilitating appropriate interaction with people from various cultural, linguistic and religious backgrounds	0.0
8	PO.8	Decision-making and reasoning ability to find solutions to ethical problems	0.26
9	PO.9	A spirit of selfless service making him willing to serve the needy and the marginalized	0.0
10	PO.10	A heightened awareness of environmental issues and necessity of solving them	0.0

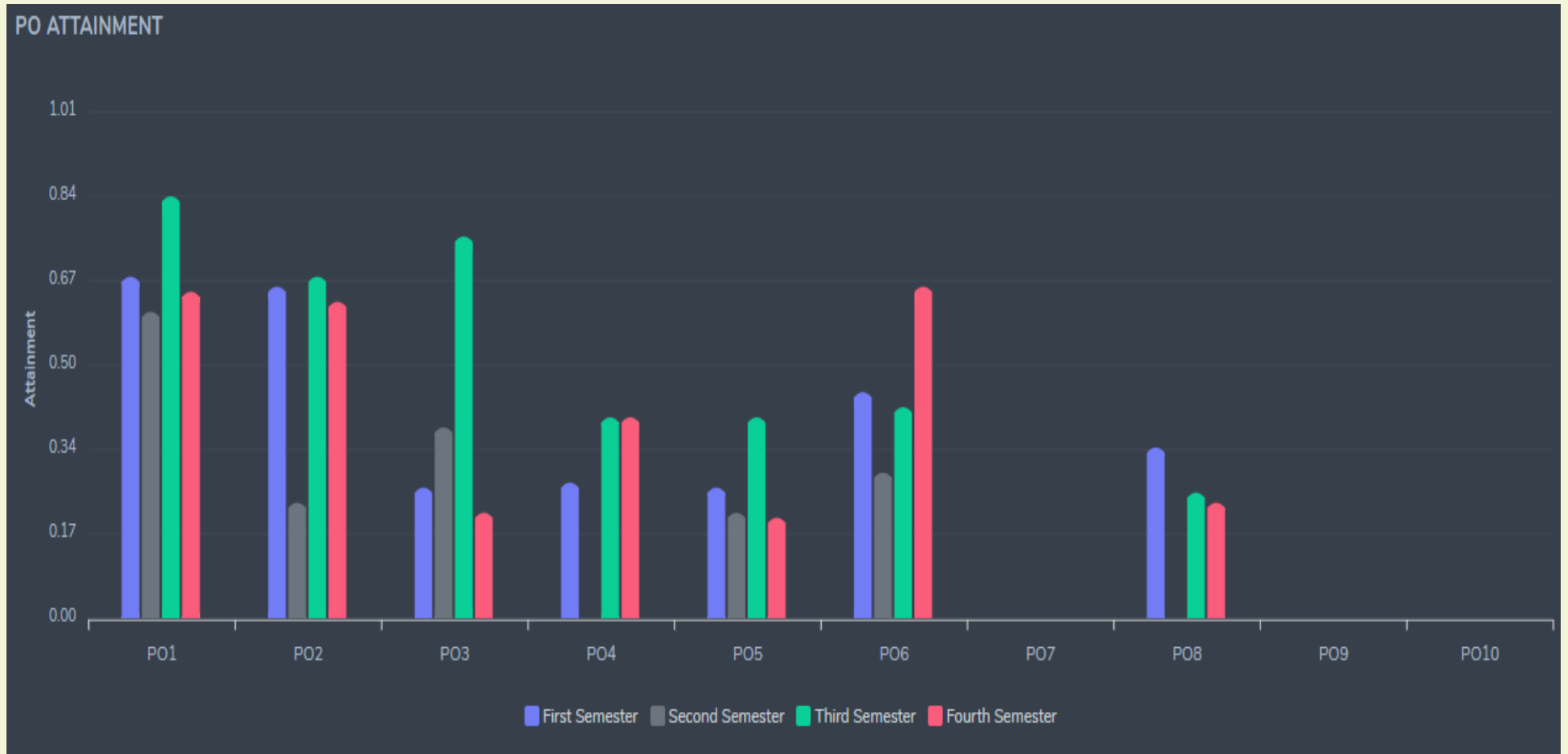
PSO Consolidation

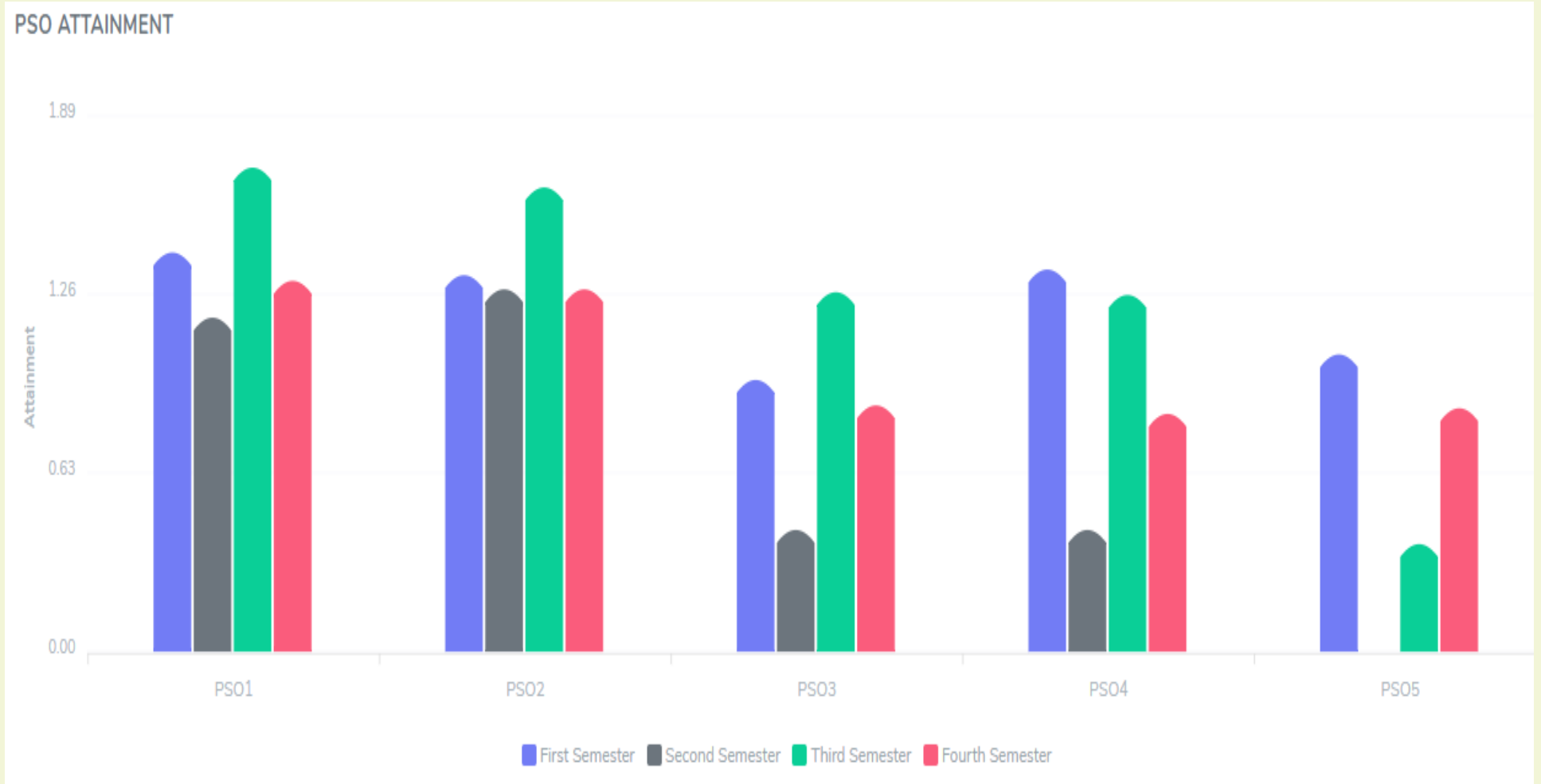
SL.	Code	Outcome	Atti.
1	PSO.1	Apply theoretical knowledge of principles and concepts of Physics to practical problems.	1.41
2	PSO.2	Use mathematical techniques and interpret mathematical models of physical behaviour.	1.37
3	PSO.3	Demonstrate the ability to plan, undertake, and report on a programme of original work, including the planning and execution of experiments, the analysis and interpretation of experimental results etc.	0.93
4	PSO.4	Assess the errors involved in an experimental work and make recommendations based on the results in an effective manner.	0.96
5	PSO.5	Develop communication skills, both written and oral, for specialized and non-specialized audiences.	0.79

TAXONOMY ATTAINMENT



PO ATTAINMENT REPORT





CO ATTAINMENT REPORT PROGRAMME

CO ATTAINMENT REPORT

2019 M.Sc. Physics - Aided / Third / 2019 / PHY3E05 : Experimental Techniques

Course Outcomes	Components	Summary	PO Mapping	PSO Mapping	Grade	Attainment	Report				
Course Outcome	Taxonomy	PO	PSO	Calibrate							
SL	Students	CO.1	AVG	CO.2	AVG	CO.3	AVG	CO.4	AVG	CO.5	AVG
1	CCATMPH001 ABHAY PINTO	3.00	2.27	2.34	1.61	1.80	1.58	0.60	1.40	1.80	1.83
2	CCATMPH002 ALOYSIA FRANCIS VADUKUT	2.46	2.27	1.80	1.61	1.66	1.58	1.14	1.40	2.20	1.83
3	CCATMPH003 ANJU CHACKO	2.20	2.27	0.86	1.61	1.40	1.58	1.66	1.40	1.40	1.83
4	CCATMPH004 ASWANI K J	2.46	2.27	1.54	1.61	1.40	1.58	2.20	1.40	3.00	1.83
5	CCATMPH005 ATHIRA K	2.20	2.27	1.26	1.61	1.40	1.58	1.40	1.40	1.80	1.83
6	CCATMPH006 DIVYA A	3.00	2.27	2.20	1.61	1.54	1.58	1.66	1.40	0.60	1.83
7	CCATMPH007 DONA JOSEPH	2.46	2.27	1.26	1.61	1.14	1.58	0.86	1.40	1.40	1.83
8	CCATMPH008 GOPIKA C T	2.20	2.27	1.94	1.61	2.34	1.58	1.94	1.40	0.60	1.83
9	CCATMPH009 NAVYA JOY P	1.14	2.27	1.40	1.61	2.34	1.58	2.20	1.40	0.60	1.83
10	CCATMPH010 NAVYA K GIGIMON	2.46	2.27	1.94	1.61	1.66	1.58	1.40	1.40	3.00	1.83
11	CCATMPH011 NENA MOHAMED IQBAL	2.46	2.27	1.80	1.61	1.00	1.58	1.14	1.40	3.00	1.83
12	CCATMPH012 REEBA WILSON	2.20	2.27	1.54	1.61	1.00	1.58	1.40	1.40	2.60	1.83
13	CCATMPH013 SNEHA T S	1.40	2.27	1.40	1.61	2.20	1.58	0.86	1.40	2.60	1.83
14	CCATMPH014 SUMY PAUL	2.20	2.27	1.26	1.61	1.26	1.58	1.14	1.40	1.00	1.83

% CO ATTAINMENT

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Course Outcomes	Components	Summary	PO Mapping	PSO Mapping	Grade	Attainment	Report			
SL	Students					CO.1	CO.2	CO.3	CO.4	CO.5
						Target	60.00%	60.00%	60.00%	60.00%
						Percentage Attainment	85.71%	28.57%	21.43%	21.43%
1	CCATMPH001 ABHAY PINTO					3.00	2.34	1.80	0.60	1.80
2	CCATMPH002 ALOYSIA FRANCIS VADUKUT					2.46	1.80	1.66	1.14	2.20
3	CCATMPH003 ANJU CHACKO					2.20	0.86	1.40	1.66	1.40
4	CCATMPH004 ASWANI K J					2.46	1.54	1.40	2.20	3.00
5	CCATMPH005 ATHIRA K					2.20	1.26	1.40	1.40	1.80
6	CCATMPH006 DIVYA A					3.00	2.20	1.54	1.66	0.60
7	CCATMPH007 DONA JOSEPH					2.46	1.26	1.14	0.86	1.40
8	CCATMPH008 GOPIKA C T					2.20	1.94	2.34	1.94	0.60
9	CCATMPH009 NAVYA JOY P					1.14	1.40	2.34	2.20	0.60
10	CCATMPH010 NAVYA K GIGIMON					2.46	1.94	1.66	1.40	3.00
11	CCATMPH011 NENA MOHAMED IQBAL					2.46	1.80	1.00	1.14	3.00
12	CCATMPH012 REEBA WILSON					2.20	1.54	1.00	1.40	2.60
13	CCATMPH013 SNEHA T S					1.40	1.40	2.20	0.86	2.60
14	CCATMPH014 SUMY PAUL					2.20	1.26	1.26	1.14	1.00