

# DEPARTMENT OF CHEMISTRY



**Course Outcome Attainment**

Course Code	CO1	CO2	CO3	CO4	CO5
XGL101	100	100	100	100	100
XGL102A	100	100	100	100	100
XMG103	69	69	69	69	69
XCY104	69	62	62	62	62
XCY105	100	100	100	100	100
XUM106	69	69	69	69	69
XCY107	100	100	100	100	100
XGL201	100	100	100	100	100
XES202	100	100	100	100	100
XMG203	100	100	100	100	100
XCY204	100	100	100	100	100
XCY205	100	100	100	100	100
XCY206	100	100	100	100	100
XCY301	100	100	100	100	100
XPG302	69	62	46	62	62
XCY303	85	92	69	85	85
XCY304	38	38	15	31	31
XPG305	100	100	100	100	100
XUM306	100	100	100	100	100
XCY307	100	100	100	100	100
XCY401	100	100	100	100	100
XPG402	100	100	100	100	100
XCY403	92	92	92	92	92
XCY404	69	69	69	69	69
XBTOE7	92	92	92	92	92
XPG405	100	100	100	100	100
XCY406	100	100	100	100	100
XCY501	100	100	100	100	100
XCY502A	100	100	100	100	100
XCY503A	100	100	100	100	100

<b>XCY504B</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>
<b>XCYOE1</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCYOE2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCY505</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCY506</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCY601</b>	<b>100</b>	<b>77</b>	<b>77</b>	<b>77</b>	<b>77</b>
<b>XCY602A</b>	<b>100</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>
<b>XCY603B</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCY604</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>XCY605</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

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

Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
XGL101	100	100	-	100	100	100	-	100	-
XGL102A	100	100	100	100	-	100	100	-	-
XMG103	69	-	69	-	69	-	-	69	-
XCY104	69	-	62	62	-	-	-	62	-
XCY105	100	100	-	100	100	100	-	100	-
XUM106	69	69	-	69	69	69	-	69	-
XCY107	100	-	-	-	-	-	-	100	100
XGL201	100	100	-	100	100	100	-	100	-
XES202	100	100	100	100	-	100	100	-	-
XMG203	100	-	100	-	100	-	100	-	-
XCY204	100	-	100	100	-	-	-	100	-
XCY205	100	100	-	100	100	100	-	100	-
XCY206	100	-	-	-	-	-	100	100	-
XCY301	100	100	100	100	100	100	100	100	-
XPG302	69	62	46	62	-	62	-	62	-
XCY303	82.00	-	92.00	-	69.00	-	-	85.00	-
XCY304	38.00	-	38.00	15.00	31	-	-	31.00	-
XPG305	100	-	-	-	-	-	100	100	-
XCY306	100.00	100.00	-	100.00	100.00	100.00	-	100.00	-
XCY307	100	-	-	-	-	-	100	100	-
XCY401	100.00	100.00	100.00	100.00	100.00	100.00	100	100	-
XPG402	100.00	100.00	100.00	100.00	-	100.00	100.00	-	-
XCY403	92	-	92	-	92	-	-	92	-
XCY404	69.00	-	69.00	69.00	-	-	-	69	-
XBTOE7	92.00	92.00	-	92.00	92.00	92	-	92.00	-
XPG405	100.00	-	-	-	-	-	-	100.00	100.00
XCY406	100.00	-	-	-	-	-	-	100.00	100.00
XCY501	100.00	100.00	-	100.00	100.00	100	100.00	-	-
XCY502A	100.00	100.00	-	100.00	100.00	100	100.00	-	-
XCY503A	100.00	100.00	-	100.00	100	100	100.00	-	-
XCY504B	92.00	92.00	-	92.00	92.00	92	92.00	-	-
XCYOE1	100.00	100.00	-	100.00	100	100	100.00	-	-
XCYOE2	100.00	100.00	-	100.00	100.00	100	100.00	-	-
XCY505	100.00	-	-	-	-	-	-	100.00	100.00
XCY506	100.00	-	-	-	-	-	-	100.00	100.00
XCY601	100.00	77.00	-	77.00	77	-	77.00	77.00	
XCY602A	100.00	92.00	-	92.00	92.00	-	92.00	92.00	-
XCY603B	100.00	100.00	-	100.00	100	-	100.00	100.00	100.00
XCY604	100.00	-	-	-	-	-	100.00	100.00	-
XCY605	100.00	-	-	-	-	-	100.00	100.00	-

**Department of Chemistry**  
**Batch 2019-2022**  
**INDIRECT ATTAINMENT**

COURSE CODE	COURSE CODE	FEED BACK ON COURSE OUT OF 100 %	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
XGL101	Communication Skills in English	92	2	0	0	0	0	0	2	0	1
XGL102A	Ariviyal Tamil/Comprehensive English	80	1	1	1	1	0	0	1	0	0
XMG103	Algebra, Trigonometry and Transform	85	3	2	1	1	1	1	1		1
NCY104	Fundamental Concepts of Chemistry	85	3	2	1	1	1	1	1	1	1
NCY105	Inorganic Chemistry I	96	3	2	1	1	1	1	1		1
XUM106	Human Ethics, Values, Rights and Gender Equality	94	2	1	0	1	2	1	1	2	1
NCY107	Volumetric Analysis, Practical -I	96	3	1	0	0	0	0	1	0	1
	Average		90.47	89.11	86.50	88.00	90.80	90.00	90.00	91.00	91.33
XGL201	English for Effective Communication	94	1	1	2	1	1	0	1	0	1
XES202	Environmental Studies	90	1	2	1	0	2	0	2	3	3
XMG203	Calculus and Differential Equations	85	1	0	0	1	0	0	2	3	3
NCY204	Organic Chemistry I	95	3	2	0	1	1	0	1	1	1
NCY205	Physical Chemistry I	94	3	2	0	1	1	0	1	1	1
NCY206	Volumetric Analysis Practical- II	95	1	2	1	3	1	0	2	3	3
	Average		92.89	93.14	92.67	92.00	92.60	#DIV/0!	90.43	89.25	89.78
NCY301	Water Quality Analysis	95	3	2	1	1	1	1	1	1	1
XPG302	Fundamental Physics	90	3	1	2	1	2	1	1	0	1
NCY303	Inorganic Chemistry II	92	1	1	0	1	2	1	1	1	1
NCY304	Organic Chemistry II	94	3	2	1	1	1	0	1	1	1
XPG305	Fundamental Physics Practical	85	3	2	1	1	1	0	1	1	1
XUM306	Disaster Management	85	3	2	1	1	1	0	1	1	1
NCY307	Seminar on Environmental Quality Analysis	94	1	1	0	0	0	3	2		
	Average		90.18	90.00	89.83	90.17	90.38	93.17	91.13	90.83	90.17
NCY401	Pharmaceutical Chemistry	94	3	2	1	1	1	1	1	0	1
XPG402	Modern Physics	85	3	2	0	1	1	0	1	1	1
NCY403	Physical Chemistry II	96	3	0	1	2	1	3	1	0	0
NCY404	Inorganic Chemistry III	90	3	0	1	0	1	2	3	1	1
XBTOE7	Intellectual property rights	92	3	2	0	1	1	0	1	1	1
XPG405	Modern Physics Practical	88	3	2	0	1	1	0	1	1	1
NCY406	Inorganic Quantitative Analysis Practical IV	95	3	2	0	1	1	0	1	1	1
	Average		91.43	90.80	93.33	92.29	91.43	93.67	91.11	90.00	90.67
NCY501	Clinical Chemistry	94	3	2	1	1	1	1	1		1
NCY502A	Phyto Chemistry	88	3	2	1	1	0	1	1	0	1
NCY503A	Analytical Methods in Chemistry	92	2	1	3	2	1	1	0	0	2
NCY504B	Programming in C	90	3	2	1	2	1	1	0	0	1
XCYOE1	Life and Mission of Periyar	88	3	1	0	1	1	0	1	1	1
XCYOE2	Periyar Thoughts and Services on Education and Women Empowerment	88	3	2	0	0	0	1	1	1	1
NCY505	Organic Qualitative Analysis Practical VA	90	3	2	1	1	1	0	1	1	1
NCY506	Physical Chemistry Practical VB	94	3	2	0	1	1	0	1	1	1
	Average		90.43	90.57	91.14	90.89	91.33	90.40	90.33	90.00	90.67
NCY601	Renewable Energy	88	3	2	0	1	1	0	1	1	1
NCY602A	Industrial Chemistry	94	3	1	2	1	2	3	1	3	1
NCY603B	Polymer Chemistry	95	2	1	2	1	3	1	2	1	3
NCY604	Organic Qualitative Analysis Practical VI	94	3	2	1	1	0	0	1	1	1
NCY605	Physical Chemistry Practical VIA	95	3	2	1	1	0	0	1	1	1
	Average		93.07	92.88	94.50	93.20	93.50	94.25	93.50	93.43	93.71

**Department of Chemistry**  
**Batch 2019-2022**  
**FINAL PO ATTAINMENT**

SEM		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
I	Direct	86.71	92.25	77.00	86.20	85.50	92.25	100.00	83.33	100.00
	Direct (85%)	73.70	78.41	65.45	73.27	72.68	78.41	85.00	70.83	85.00
	INDIRECT	90.47	89.11	86.50	88.00	90.80	90.00	90.00	91.00	91.33
	Indirect (15%)	13.57	13.37	12.98	13.20	13.62	13.50	13.50	13.65	13.70
	FINAL (100%)	87.27	91.78	78.43	86.47	86.30	91.91	98.50	84.48	98.70
II	Direct	100	100	100	100	100	100	100	100	100
	Direct (85%)	85.00	85.00	85.00	85.00	85.00	85	85.00	85.00	85.00
	INDIRECT	92.89	93.14	92.67	92.00	92.60	90.43	90.43	89.25	89.78
	Indirect (15%)	13.93	13.97	13.90	13.80	13.89	13.5645	13.56	13.39	13.47
	FINAL (100%)	98.93	98.97	98.90	98.80	98.89	98.56	98.56	98.39	98.47
III	Direct	84.14	87.33	69	69.25	75	87.33	100	82.57	100
	Direct (85%)	71.52	74.23	58.65	58.86	63.75	74.23	85.00	70.18	85.00
	INDIRECT	90.18	90.00	89.93	90.17	90.38	93.17	91.13	90.83	90.17
	Indirect (15%)	13.53	13.50	13.49	13.53	13.56	13.98	13.67	13.62	13.53
	FINAL (100%)	85.05	87.73	72.14	72.39	77.31	88.21	98.67	83.81	98.53
IV	Direct	93.29	97.33	90.25	90.25	94.67	97.33	100	92.16	100
	Direct (85%)	79.30	82.73	76.71	76.71	80.47	82.73	85.00	78.34	85.00
	INDIRECT	91.43	90.8	93.33	92.29	91.43	93.67	91.11	90	90.67

IV	Indirect (15%)	13.71	13.62	14.00	13.84	13.71	14.05	13.67	13.50	13.60
	FINAL (100%)	93.01	96.35	90.71	90.56	94.18	96.78	98.67	91.84	98.60
V	Direct	99	98.67	100	98.67	98.67	98.66	98.67	100	100
	Direct (85%)	84.15	83.87	85.00	83.87	83.87	83.86	83.87	85.00	85.00
	INDIRECT	90.43	90.57	91.14	90.89	91.33	90.40	90.33	90.00	90.67
	Indirect (15%)	13.56	13.59	13.67	13.63	13.70	13.56	13.55	13.50	13.60
	FINAL (100%)	97.71	97.46	98.63	97.50	97.57	97.42	97.42	98.50	98.60
	Direct	100	89.67	100	89.67	89.66	100	93.8	93.8	100
VI	Direct (85%)	85.00	76.22	85	76.22	76.21	85	79.73	79.73	85.00
	INDIRECT	93.07	92.88	94.5	93.20	93.50	94.25	93.50	93.43	93.71
	Indirect (15%)	13.96	13.93	13.932	13.98	14.03	14.1375	14.03	14.01	14.06
	FINAL (100%)	98.96	90.15	98.932	90.20	90.24	99.1375	93.76	93.74	99.06
	Final Avg	93.49	93.74	87.76	89.32	90.75	93.58	97.60	91.79	98.66

**Department of Chemistry**  
**Batch 2019-2022**  
**FINAL PO ATTAINMENT**

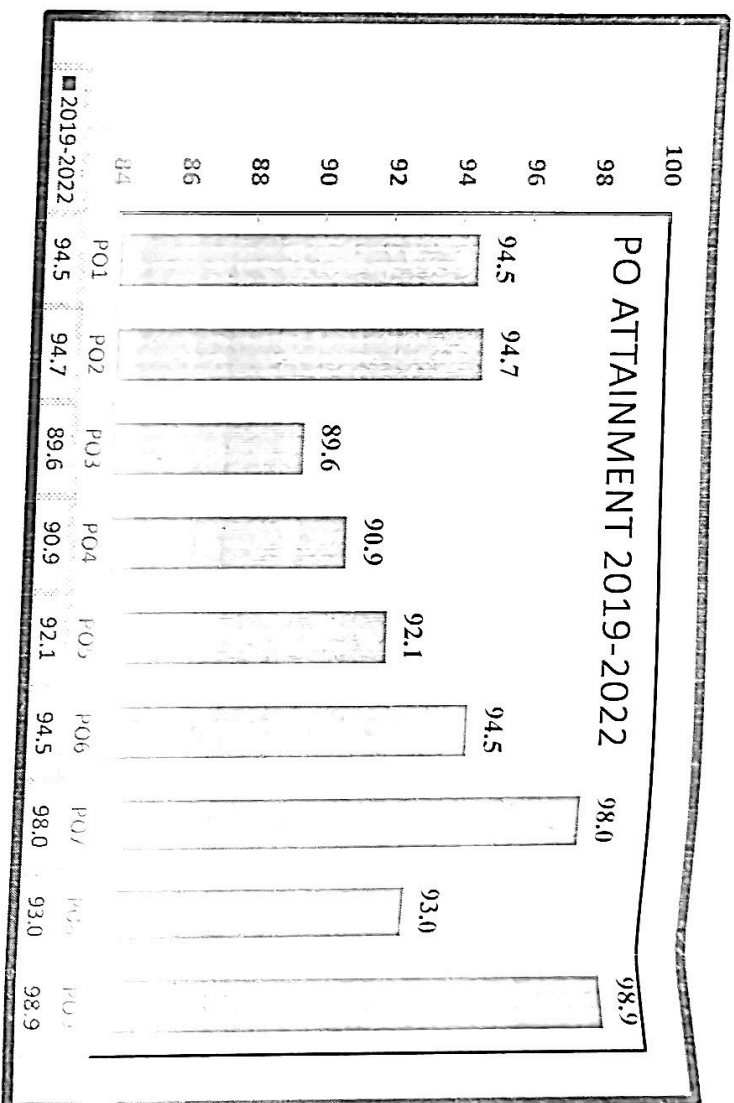
SEM	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
	F	F	F	F	F	F	F	F	F
I	87.27	91.78	78.43	86.47	86.30	91.91	98.50	84.48	98.70
II	98.93	98.97	98.90	98.80	98.89	98.56	98.56	98.39	98.47
III	85.05	87.73	72.14	72.39	77.31	88.21	98.67	83.81	98.53
IV	93.01	96.35	90.71	90.56	94.18	96.78	98.67	91.84	98.60
V	97.71	97.46	98.63	97.50	97.57	97.42	97.42	98.50	98.60
VI	98.96	90.15	98.93	90.20	90.24	99.13	93.76	93.74	99.06
PO Average	93.49	93.74	89.62	89.32	90.75	95.34	97.60	91.79	98.66



**Department of Chemistry**  
**Batch 2019-2022**  
**FINAL PO ATTAINMENT**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Overall PO (OA)	93.49	93.74	87.76	89.32	90.75	93.58	97.60	91.79	98.66
Direct (85%)	79.47	79.68	74.60	75.92	77.14	79.54	82.96	78.02	83.86
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%)	94.47	94.68	89.60	90.92	92.14	94.54	97.96	93.02	98.86

PO	2019-2022
PO1	94.5
PO2	94.7
PO3	89.6
PO4	90.9
PO5	92.1
PO6	94.5
PO7	98.0
PO8	93.0
PO9	98.9



Shani

HOD/chemistry  
(Dr.S.Gomathi)

Prof

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