

DEPARTMENT OF CHEMISTRY

Programme Code	Programme Name
165	B.Sc. Chemistry
360	M.Sc. Chemistry



Course Outcome Attainment

Programme: 165

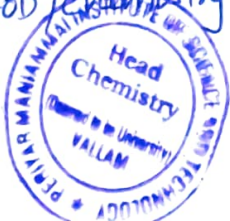
Academic Year: 2023-2024

Batch: 2021-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XGL101	Basic English Communication Skills	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XGL102A	Ariviyal Tamil	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XMG103	Algebra, Trigonometry and Transform	CO1	60	1	No
		CO2	60	1	No
		CO3	60	1	No
		CO4	60	1	No
		CO5	50	1	No
XCX104	Fundamental Concepts of Chemistry	CO1	60	1	No
		CO2	60	1	No
		CO3	60	1	No
		CO4	60	1	No
		CO5	60	1	No
XCX105	Inorganic Chemistry I	CO1	60	2	No
		CO2	60	2	No
		CO3	50	2	No
		CO4	60	2	No
		CO5	60	2	No
XUM106	Human Ethics, Values, Rights and Gender Equality	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

[Signature]
HOD Chemistry



[Signature]

Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur - 613 403, Tamil Nadu

[Signature]

Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamil Nadu.



Course Outcome Attainment

Programme: 165

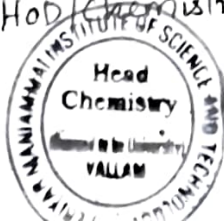
AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XCY107	Volumetric Analysis, Practical -I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XGL201	English for Effective Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XES202	Environmental Studies	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XMG203	Calculus and Differential Equations	CO1	60	1	No
		CO2	60	1	No
		CO3	60	1	No
		CO4	60	1	No
		CO5	60	1	No
XCY204	Organic Chemistry I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY205	Physical Chemistry I	CO1	60	3	Yes
		CO2	60	2	No
		CO3	60	2	No
		CO4	60	2	No
		CO5	60	2	No

S. Srinivasan
HOD/Chemistry



[Signature]

Dean

Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur - 613 403, Tamil Nadu

[Signature]

Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamil Nadu.



Course Outcome Attainment

Programme: 165

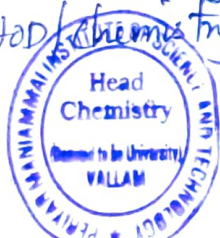
AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XCY206	Volumetric Analysis Practical- II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY301	Water Quality Analysis	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XPG302	Fundamental Physics	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY303	Inorganic Chemistry II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY304	Organic Chemistry II	CO1	60	3	Yes
		CO2	60	0	No
		CO3	60	1	No
		CO4	60	3	Yes
		CO5	60	3	Yes
XPG305	Fundamental Physics Practical	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

S. S. S.
Head of Chemistry



P. S.
Dean

Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam
Thanjavur - 613 403, Tamilnadu

S. S.
Dean Academic

Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.



Course Outcome Attainment

Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XUM306	Disaster Management	CO1	60	2	No
		CO2	60	0	No
		CO3	60	3	Yes
		CO4	60	2	No
		CO5	60	0	No
XCY307	Semi Micro Inorganic Qualitative Analysis Practical III	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY401	Pharmaceutical Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XPG402	Modern Physics	CO1	60	3	Yes
		CO2	60	0	No
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	2	No
XCY403	Physical Chemistry II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY404	Inorganic Chemistry III	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	1	No
		CO5	60	3	Yes
XPG405	Modern Physics Practical	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes

S. S. S.
 HOD, Chemistry
 PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
 VALLAM

P. S. S.
 Faculty of Science and Technology
 Periyar Maniammai
 Institute of Science & Technology
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur - 613 403, Tamilnad

S. S. S.
 Dean Academic,
 Periyar Maniammai
 Institute of Science & Technology
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur-613 403, Tamilnadu.



Course Outcome Attainment

Programme: 165

Academic Year: 2023-2024

Batch: 2021-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XCY406	Inorganic Quantitative Analysis Practical IV	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY501	Clinical Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	1	No
		CO5	60	1	No
XCY502A	Phyto Chemistry	CO1	60	3	Yes
		CO2	60	0	No
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY503A	Analytical Methods in Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	2	No
		CO5	60	0	No
XCY504B	Programming in C	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	0	No
XCY505	Organic Qualitative Analysis Practical VA	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY506	Physical Chemistry Practical VB	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY601	Renewable Energy	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	1	No

[Signature]
HOD/chemistry

[Signature]

[Signature]



Course Outcome Attainment

Programme: 165

Academic Year: 2023-2024

Batch: 2021-2024

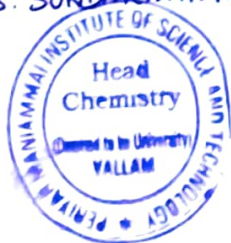
Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XCY602A	Industrial Chemistry	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	3	Yes
XCY603B	Polymer Chemistry	CO1	60	3	Yes
		CO2	60	1	No
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	3	Yes
XCY603B	Polymer Chemistry	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	0	No
XCY604	Organic Qualitative Analysis Practical VI	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY605	Physical Chemistry Practical VIA	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
XCY606	Project	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes

S. Sundaranayagi

HOD / Chemistry

(Dr. S. SUNDARANAYAGI)



[Signature]

Dean

Faculty of Science and Humanities,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam
Thanjavur - 613 403, Tamilnad

[Signature]

Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Overall Attainment Report



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	XGL101	0	0	0	3	2.8	2	0	0
2	XGL102A	1.4	0	0	0	0	1	1.2	0
3	XMG103	0.7	0	0.3	0	0.7	0	0	0.7
4	XCY104	0.9	0.9	0.3	0.7	0	0.7	0.3	0.3
5	XCY105	2	2	0.1	1.1	0.5	1.2	0.7	1.1
6	XUM106	0	0	1.6	0.6	1.2	0	0	0
7	XCY107	2.7	3	2	2	0	2	2	1
8	XGL201	0	0	3	2.8	2	0	0	0
9	XES202	2	0	0	2	1	1	0	0
10	XMG203	0.7	0	0	0.7	0.3	0.3	0	0
11	XCY204	2.8	1.6	0	0	1	1.8	2.8	1.6
12	XCY205	1.9	1.3	0	0	1.2	1.7	1.9	1.5
13	XCY206	2.7	3	2	2	0	2	2	1

S. S. R. P.
HOD/Chemistry

Pure

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Overall Attainment Report



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

14	XCY301	2.6	2.2	2	2.2	1.8	1.6	0.8	1.2
15	XPG302	2.6	2.2	2.4	2.8	2.8	1.6	2.6	2.4
16	XCY303	3	2	0	0	0	3	1	1
17	XCY304	1.6	1.6	0	0.7	0	2	1	1.1
18	XPG305	2	1.8	1.2	1.8	0.8	2.6	2	1.8
19	XUM306	0.1	0.1	0.5	0.4	0.8	0.7	0.8	1.1
20	XCY307	2.7	2.3	0.7	0.7	1	2	2.3	2
21	XCY401	2.8	0	0	0	0	0	2	2.6
22	XPG402	1.6	1.3	0.1	0	0	0.5	0.7	0.5
23	XCY403	2.6	1.8	0	0	1.6	2.2	2.6	2
24	XCY404	0.8	0.5	0	0	0	0.8	0.3	0.3
25	XPG405	3	1.5	1.8	1.5	1	0	0.5	0.5
26	XCY406	3	2	0	2.7	3	3	0	2
27	XCY501	2.2	0.8	0	0.5	0.7	0.7	1.3	0
28	XCY502A	2.4	1.6	0	0	0	2.4	0.8	0.8

S. Srinivasan
HOD/Chemistry

Prof

Dean Academic,
Periyar Manjamma
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Overall O Attainment Report



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

29	XCY503A	2.2	1.5	0	0	0	2.2	0.7	0.7
30	XCY504B	1.6	1.2	0	0.2	1.4	0.4	0	0
31	XCY505	2.7	0	0	0	0	0	1.7	1.7
32	XCY506	2.7	0	0	0	0	0	0	0
33	XCY508	3	2	0	0	0	3	1	1
34	XCY601	1.9	1.5	0	0.7	0.9	0	1.7	1.7
35	XCY602A	0.4	0.4	0	0.2	0.2	0	0.4	0.4
36	XCY603B	0	0	0	0.7	0.7	0.7	0	0
37	XCY604	1	1.7	3	1	1	3	3	1
38	XCY605	1	1	3	1	1	3	3	1
39	XCY606	1	1.7	3	2	1	3	2	1

Average Attained	1.8	1.1	0.7	0.9	0.8	1.3	1.1	0.9
Attainment Percentage	82%	79%	88%	90%	89%	81%	85%	82%
Direct Attainment(80%)	3	3	3	3	3	3	3	3

S. S. S. S.
HOD/chemistry

Periyar

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Overall PO Attainment Report



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

Section: A

Programme Exit Survey(10%)	2.5	2.3	2.4	2.2	2.2	2.3	2.3	2.5
Alumni Survey(10%)	2.5	2.2	2.6	2.6	2.3	2.2	2.5	2.3

Overall Attainment	2.9	2.85	2.9	2.88	2.85	2.85	2.88	2.88
--------------------	-----	------	-----	------	------	------	------	------

S. Sundararaj
HOD/Chemistry
(Dr. S. SUNDARARAJ)



[Signature]

Dean
Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam
Thanjavur - 613 403, Tamilnadu

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	XGL101.1	0	0	0	3	3	2	0	0
2	XGL101.2	0	0	0	3	3	2	0	0
3	XGL101.3	0	0	0	3	3	2	0	0
4	XGL101.4	0	0	0	3	2	2	0	0
5	XGL101.5	0	0	0	3	3	2	0	0
6	XGL102A.1	2	0	0	0	0	1	2	0
7	XGL102A.2	2	0	0	0	0	1	2	0
8	XGL102A.3	1	0	0	0	0	1	1	0
9	XGL102A.4	2	0	0	0	0	1	1	0
10	XGL102A.5	0	0	0	0	0	1	0	0
11	XMG103.1	2	0	1	0	2	0	0	2
12	XMG103.2	2	0	1	0	2	0	0	2
13	XMG103.3	2	0	1	0	2	0	0	2

S. S. S. S.
HOD/chemistry

P. W.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 165


AcademicYear: 2023-2024

Batch: 2021-2024

14	XMG103.4	2	0	1	0	2	0	0	2
15	XMG103.5	2	0	1	0	2	0	0	2
16	XCY104.1	3	3	1	2	0	2	1	1
17	XCY104.2	3	2	1	2	0	2	1	1
18	XCY104.3	2	3	1	2	0	2	1	1
19	XCY104.4	3	2	1	2	0	2	1	1
20	XCY104.5	3	3	1	2	0	2	1	1
21	XCY105.2	3	3	0	2	2	3	0	1
22	XCY105.5	3	3	0	3	2	3	0	3
23	XCY105.1	3	3	1	2	0	2	1	1
24	XCY105.3	3	3	0	0	0	1	3	2
25	XCY105.4	3	3	0	1	0	0	1	1
26	XUM106.1	0	0	3	3	3	0	0	0
27	XUM106.2	0	0	3	0	1	0	0	0
28	XUM106.3	0	0	2	0	0	0	0	0

S. S. S. S. S.
HOD/chemistry

Periyar


Dean Academic,
 Periyar Maniammai
 Institute of Science & Technology,
 (PMIST), Periyar Nagar, Vellam,
 Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 165

Academic Year: 2023-2024

Batch: 2021-2024

29	XUM106.4	0	0	0	0	0	0	0	0
30	XUM106.5	0	0	0	0	2	0	0	0
31	XCY107.1	3	3	2	2	0	2	2	1
32	XCY107.2	2	3	2	2	0	2	2	1
33	XCY107.3	3	3	2	2	0	2	2	1
34	XGL201.1	0	0	3	3	2	0	0	0
35	XGL201.2	0	0	3	3	2	0	0	0
36	XGL201.3	0	0	3	3	2	0	0	0
37	XGL201.4	0	0	3	2	2	0	0	0
38	XGL201.5	0	0	3	3	2	0	0	0
39	XES202.1	2	0	0	2	1	1	0	0
40	XES202.2	2	0	0	2	1	1	0	0
41	XES202.3	2	0	0	2	1	1	0	0
42	XES202.4	2	0	0	2	1	1	0	0
43	XES202.5	2	0	0	2	1	1	0	0

S. S. S. S. S.
HOD/chemistry

[Handwritten signature]

[Handwritten signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
601 013, Periyar Nagar, Vellore
Tamil Nadu - 620 015

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE AND TECHNOLOGY

Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

44	XMG203.1	2	0	0	2	1	1	0	0
45	XMG203.2	2	0	0	2	1	1	0	0
46	XMG203.3	2	0	0	2	1	1	0	0
47	XMG203.4	2	0	0	2	1	1	0	0
48	XMG203.5	2	0	0	2	1	1	0	0
49	XCY204.1	3	2	0	0	1	2	3	2
50	XCY204.2	3	1	0	0	1	2	3	1
51	XCY204.3	3	2	0	0	1	2	2	2
52	XCY204.4	2	1	0	0	1	1	3	1
53	XCY204.5	3	2	0	0	1	2	3	2
54	XCY205.1	2	2	0	0	2	3	3	2
55	XCY205.2	3	1	0	0	1	2	3	2
56	XCY205.3	3	2	0	0	2	3	2	2
57	XCY205.4	2	2	0	0	2	1	2	2
58	XCY205.5	3	2	0	0	1	2	3	2

S. S. S. S.
HOD/Chemistry

[Signature]

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur - 613 403, Tamilnadu.

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY

Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

59	XCY206.1	3	3	2	2	0	2	2	1
60	XCY206.2	2	3	2	2	0	2	2	1
61	XCY206.3	3	3	2	2	0	2	2	1
62	XCY301.1	3	3	3	2	1	0	0	1
63	XCY301.2	3	2	3	3	3	2	3	1
64	XCY301.3	3	3	3	3	1	1	0	2
65	XCY301.4	3	2	1	1	3	3	1	1
66	XCY301.5	1	1	0	2	1	2	0	1
67	XPG302.1	3	3	3	3	3	1	2	3
68	XPG302.2	3	2	3	3	3	2	3	3
69	XPG302.3	3	3	3	3	3	1	3	3
70	XPG302.4	3	0	3	3	3	3	3	3
71	XPG302.5	1	3	0	2	2	1	2	0
72	XCY303.1	3	2	0	0	0	3	1	1
73	XCY303.2	3	2	0	0	0	3	1	1

S. S. S. S.
HOD/Chemistry

P. S.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

74	XCY303.3	3	2	0	0	0	3	1	1
75	XCY303.4	3	2	0	0	0	3	1	1
76	XCY303.5	3	2	0	0	0	3	1	1
77	XCY304.1	2	3	0	1	0	3	0	2
78	XCY304.2	2	3	0	1	0	3	3	1
79	XCY304.3	3	3	0	1	0	3	0	2
80	XCY304.4	3	3	0	1	0	3	2	2
81	XCY304.5	2	1	0	1	0	3	3	1
82	XPG305.1	2	3	0	0	0	2	3	2
83	XPG305.2	3	3	0	0	0	2	3	2
84	XPG305.3	2	1	3	3	1	3	2	1
85	XPG305.4	1	1	2	3	2	3	1	2
86	XPG305.5	2	1	1	3	1	3	1	2
87	XUM306.1	0	0	2	1	1	2	2	3
88	XUM306.2	1	1	3	2	3	1	0	2

S. S. S. S.
HOD/Chemistry

P. P.

Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY

Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

89	XUM306.3	0	0	0	0	2	1	2	2
90	XUM306.4	1	1	2	2	2	2	1	2
91	XUM306.5	2	3	0	2	3	2	0	1
92	XCY307.1	2	2	2	2	3	3	2	2
93	XCY307.2	3	3	0	0	0	2	3	2
94	XCY307.3	3	2	0	0	0	1	2	2
95	XCY401.1	3	0	0	0	0	0	2	3
96	XCY401.2	2	0	0	0	0	0	1	2
97	XCY401.3	3	0	0	0	0	0	2	3
98	XCY401.4	3	0	0	0	0	0	3	3
99	XCY401.5	3	0	0	0	0	0	2	2
100	XPG402.1	3	3	0	0	0	1	1	1
101	XPG402.2	3	2	0	0	0	1	0	1
102	XPG402.3	3	2	0	0	0	1	1	1
103	XPG402.4	3	2	0	0	0	1	1	1

S. S. S. S.
HOD/Chemistry

P.M.

[Signature]

Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Valluvar
Thangal, Thanjavur-613 003, Tamil Nadu

Programme Articulation Matrix



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

104	XPG402.5	3	2	1	0	0	1	2	1
105	XCY403.1	2	2	0	0	2	3	3	2
106	XCY403.2	3	1	0	0	1	2	3	2
107	XCY403.3	3	2	0	0	2	3	2	2
108	XCY403.4	2	2	0	0	2	1	2	2
109	XCY403.5	3	2	0	0	1	2	3	2
110	XCY404.1	3	2	0	0	0	3	1	1
111	XCY404.2	3	2	0	0	0	3	1	1
112	XCY404.3	3	2	0	0	0	3	1	1
113	XCY404.4	3	2	0	0	0	3	1	1
114	XCY404.5	3	2	0	0	0	3	1	1
115	XPG405.1	3	2	2	2	1	0	0	1
116	XPG405.2	3	0	1	0	1	0	1	0
117	XPG405.3	3	2	2	2	1	0	1	0
118	XPG405.4	3	2	2	2	1	0	0	1

S. S. S. S.
HOD/Chemistry

P. S. S.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY

Programme: 165

Academic Year: 2023-2024

Batch: 2021-2024

119	XCY406.1	3	2	0	3	3	3	0	2
120	XCY406.2	3	2	0	3	3	3	0	2
121	XCY406.3	3	2	0	2	3	3	0	2
122	XCY501.1	3	0	0	0	0	1	0	0
123	XCY501.2	3	2	0	2	0	1	3	0
124	XCY501.3	3	1	0	0	2	1	2	0
125	XCY501.4	3	0	0	0	2	1	2	0
126	XCY501.5	3	3	0	2	2	1	2	0
127	XCY502A.1	3	2	0	0	0	3	1	1
128	XCY502A.2	3	2	0	0	0	3	1	1
129	XCY502A.3	3	2	0	0	0	3	1	1
130	XCY502A.4	3	2	0	0	0	3	1	1
131	XCY502A.5	3	2	0	0	0	3	1	1
132	XCY503A.1	3	2	0	0	0	3	1	1
133	XCY503A.2	3	2	0	0	0	3	1	1

S. S. S. S.
HOD/chemistry

P. S.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

134	XCY503A.3	3	2	0	0	0	3	1	1
135	XCY503A.4	3	2	0	0	0	3	1	1
136	XCY503A.5	3	2	0	0	0	3	1	1
137	XCY504B.1	3	2	0	0	3	0	0	0
138	XCY504B.2	3	2	0	0	2	0	0	0
139	XCY504B.3	2	2	0	1	2	2	0	0
140	XCY504B.4	2	2	1	2	2	0	0	0
141	XCY504B.5	2	2	1	0	2	0	0	0
142	XCY505.1	3	0	0	0	0	0	2	2
143	XCY505.2	2	0	0	0	0	0	1	1
144	XCY505.3	3	0	0	0	0	0	2	2
145	XCY506.1	3	0	0	0	0	0	0	0
146	XCY506.2	2	0	0	0	0	0	0	0
147	XCY506.3	3	0	0	0	0	0	0	0
148	XCY508.1	3	2	0	0	0	3	1	1

S. S. S. S.
HOD/chemistry

R. R.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY

Programme: 165

AcademicYear: 2023-2024

Batch: 2021-2024

149	XCY508.2	3	2	0	0	0	3	1	1
150	XCY508.3	3	2	0	0	0	3	1	1
151	XCY508.4	3	2	0	0	0	3	1	1
152	XCY508.5	3	2	0	0	0	3	1	1
153	XCY601.1	2	1	0	1	1	0	2	2
154	XCY601.2	2	2	0	1	1	0	2	2
155	XCY601.3	3	2	0	0	1	0	2	2
156	XCY601.4	2	2	0	1	1	0	2	2
157	XCY601.5	2	2	0	1	1	0	2	2
158	XCY602A.1	2	1	0	1	1	0	2	2
159	XCY602A.2	2	2	0	1	1	0	2	2
160	XCY602A.3	3	2	0	0	1	0	2	2
161	XCY602A.4	2	2	0	1	1	0	2	2
162	XCY602A.5	2	2	0	1	1	0	2	2
163	XCY603B.1	0	0	0	1	1	1	0	0

S. S. S. S. S.
HoD/chemistry

P. S. S.

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY

Programme: 165

Academic Year: 2023-2024

Batch: 2021-2024

164	XCY603B.2	0	0	0	1	1	1	0	0
165	XCY603B.3	0	0	0	1	1	1	0	0
166	XCY603B.4	0	0	0	1	1	1	0	0
167	XCY603B.5	0	0	0	1	1	1	0	0
168	XCY604.1	1	2	3	1	1	3	3	1
169	XCY604.2	1	2	3	1	1	3	3	1
170	XCY604.3	1	1	3	1	1	3	3	1
171	XCY605.1	1	1	3	1	1	3	3	1
172	XCY605.2	1	1	3	1	1	3	3	1
173	XCY605.3	1	1	3	1	1	3	3	1
174	XCY606.1	1	2	3	2	1	3	2	1
175	XCY606.2	1	2	3	2	1	3	2	1
176	XCY606.3	1	1	3	2	1	3	2	1
Average		2.2	1.4	0.7	1	1	1.6	1.2	1.1

S. Sundararajagiri
HOD/Chemistry
(Dr. S. SUNDARARAJAGIRI)

P. Maniammai

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vaikom,
Thanjavur-613 403, Tamilnadu.



Course Outcome Attainment

Programme: 360

Academic Year: 2023-2024

Batch: 2022-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YCY101	Organic Chemistry - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	2	No
		CO5	60	3	Yes
YCY102	Inorganic Chemistry - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY103	Physical Chemistry - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY104	Inorganic Chemistry Practical - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	50	3	Yes
YCY105	Physical Chemistry Practical - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY201	Inorganic Chemistry II	CO1	60	0	No
		CO2	60	2	No
		CO3	60	2	No
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY202	Physical Chemistry II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

[Signature]
Head Chemistry
 Periyar Maniammai Institute of Science & Technology
 Vallam

[Signature]
Dean
 Faculty of Science and Humanities
 Periyar Maniammai
 Institute of Science & Technology
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur - 613 403, Tamil Nadu

[Signature]
Dean Academic
 Periyar Maniammai
 Institute of Science & Technology,
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur-613 403, Tamil Nadu.



Course Outcome Attainment

Programme: 360

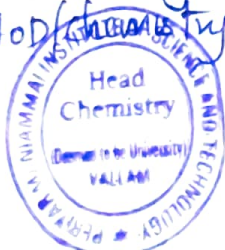
AcademicYear: 2023-2024

Batch: 2022-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YCY203	Physical Methods in Chemistry-I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY204	Inorganic Chemistry Practical - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY205	Organic Chemistry Practical-I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY301	Organic Chemistry - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	1	No
		CO5	60	3	Yes
YCY302	Physical Methods in Chemistry-II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY303	Organic Chemistry Practical -II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY304	Physical Chemistry Practical - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY401	Dissertation - Project work	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes

S. S. S. S.
HOD/Chemistry



[Signature]
Dean

Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur - 613 403, Tamil Nadu

[Signature]
Dean Academic

Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamil Nadu.



Course Outcome Attainment

Programme: 360

AcademicYear: 2023-2024

Batch: 2022-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YCYE02	Industrial Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCYE03	Pharmaceutical Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCYE06	Chemistry of Nanoscience and Nanotechnology	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCYON33	Applications of Nanoscience	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

S. Sundararaj
 HOD/chemistry
 (Dr. S. SUNDARANAYAGI)



Prof

DEAN
 Faculty of Science and Humanities
 Periyar Maniammai
 Institute of Science & Technology
 (PMIST), Periyar Nagar, Vallam
 Thanjavur - 613 403, Tamilnadu

S. Sundararaj
 Dean Academic
 Periyar Maniammai
 Institute of Science & Technology
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur-613 403, Tamilnadu.

Overall PO Attainment Report



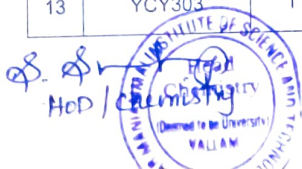
Programme: 360

Academic Year: 2023-2024

Batch: 2022-2024

Section: A

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	YCY101	2.8	1.9	0.9	0.9	0	1.5	1.9	1.9
2	YCY102	3	2	1	1	0	1.6	2	2
3	YCY103	3	2	1	1	0	1.6	2	2
4	YCY104	1	1.7	3	2	1	3	2	1
5	YCY105	3	3	2	1	2	2	3	3
6	YCY201	2	1.3	0.7	0.7	0	1	1.3	1.3
7	YCY202	3	2	1	1	0	1.6	2	2
8	YCY203	3	2	0	1	1	3	3	2
9	YCY204	3	2	0	1	1	3	3	2
10	YCY205	3	2	0	1	1	3	3	0.3
11	YCY301	2.6	1.7	0.9	0.9	0	1.5	1.5	1.7
12	YCY302	3	2	1	1	0	1.6	2	2
13	YCY303	1	1.7	3	2	1	3	2	1



[Handwritten Signature]

[Handwritten Signature]
 Dean Academic,
 Periyar Maniammai
 Institute of Science & Technology,
 (PMIST), Periyar Nagar, Vallam,
 Thanjavur-613 403, Tamilnadu.

Overall Attainment Report



Programme: 360

AcademicYear: 2023-2024

Batch: 2022-2024

Section: A

14	YCY304	1	1.7	2.7	2	1.3	2.7	2	1
15	YEC305	3	2	0	1	1	3	3	0.2
16	YCY401	1	1.7	3	2	1	3	2	1
17	YCYE02	3	2	1	1	0	1.8	2	2
18	YCYE03	3	1.4	0	1	1	1.6	1.8	0
19	YCYE06	3	2	1	1	0	1.6	2	2
20	YCYE08	1.8	0.8	0	0	1	0.8	1	0.8

AverageAttained	2.5	1.8	1.1	1.1	0.6	2.1	2.1	1.5
Attainment Percentage	100%	95%	100%	92%	100%	100%	95%	100%
Direct Attainment(80%)	3	3	3	3	3	3	3	3

Programme Exit Survey(10%)	2.6	2.5	2.6	2.6	2.6	2.5	2.6	2.6
Alumni Survey(10%)	2.6	2.6	2.6	2.6	2.7	2.5	2.5	2.7

S. S. S. S.
HOD/chemistry

ful

Cheng
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Valluam,
Thenjavar-613 403, Tamilnadu.

Overall Attainment Report



Programme: 360 Academic Year: 2023-2024

Batch: 2022-2024 Section: A

Overall Attainment	2.92	2.91	2.92	2.92	2.93	2.9	2.91	2.93
--------------------	------	------	------	------	------	-----	------	------

S. Sundaranayagi
HOD/Chemistry
(Dr. S. SUNDARANAYAGI)



[Signature]
Dean
Faculty of Science and Humanities
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur - 613 403, Tamilnadu

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 360

Academic Year: 2023-2024

Batch: 2022-2024

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	YCY101.1	3	2	1	1	0	2	2	2
2	YCY101.2	3	2	1	1	0	1	2	2
3	YCY101.3	3	2	1	1	0	2	2	2
4	YCY101.4	3	2	1	1	0	1	2	2
5	YCY101.5	3	2	1	1	0	2	2	2
6	YCY102.1	3	2	1	1	0	2	2	2
7	YCY102.2	3	2	1	1	0	1	2	2
8	YCY102.3	3	2	1	1	0	2	2	2
9	YCY102.4	3	2	1	1	0	1	2	2
10	YCY102.5	3	2	1	1	0	2	2	2
11	YCY103.1	3	2	1	1	0	2	2	2
12	YCY103.2	3	2	1	1	0	1	2	2
13	YCY103.3	3	2	1	1	0	2	2	2

S. S. S. S.
HOD/chemistry

P. S.

[Signature]
Dean Academic,
Periyar Maniammal
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 360

AcademicYear: 2023-2024

Batch: 2022-2024

14	YCY103.4	3	2	1	1	0	1	2	2
15	YCY103.5	3	2	1	1	0	2	2	2
16	YCY104.1	1	2	3	2	1	3	2	1
17	YCY104.2	1	2	3	2	1	3	2	1
18	YCY104.3	1	1	3	2	1	3	2	1
19	YCY105.1	3	3	2	1	2	2	3	3
20	YCY105.2	3	3	2	1	2	2	3	3
21	YCY105.3	3	3	2	1	2	2	3	3
22	YCY201.1	3	2	1	1	0	2	2	2
23	YCY201.2	3	2	1	1	0	1	2	2
24	YCY201.3	3	2	1	1	0	2	2	2
25	YCY201.4	3	2	1	1	0	1	2	2
26	YCY201.5	3	2	1	1	0	2	2	2
27	YCY202.1	3	2	1	1	0	2	2	2
28	YCY202.2	3	2	1	1	0	1	2	2

S. S. S. S. S.
HOD/chemistry

P. S. S. S. S.

Programme Articulation Matrix



Programme: 360

AcademicYear: 2023-2024

Batch: 2022-2024

29	YCY202.3	3	2	1	1	0	2	2	2
30	YCY202.4	3	2	1	1	0	1	2	2
31	YCY202.5	3	2	1	1	0	2	2	2
32	YCY203.1	3	2	0	1	1	3	3	2
33	YCY203.2	3	2	0	1	1	3	3	2
34	YCY203.3	3	2	0	1	1	3	3	2
35	YCY203.4	3	2	0	1	1	3	3	2
36	YCY203.5	3	2	0	1	1	3	3	2
37	YCY204.1	3	2	0	1	1	3	3	2
38	YCY204.2	3	2	0	1	1	3	3	2
39	YCY204.3	3	2	0	1	1	3	3	2
40	YCY205.3	3	2	0	1	1	3	3	1
41	YCY205.1	3	2	0	1	1	3	3	0
42	YCY205.2	3	2	0	1	1	3	3	0
43	YCY301.1	3	2	1	1	0	2	1	2

A. S. S. S.
HOD/chemistry

Prof

[Signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vellore,
Tamil Nadu-613 403, Tamil Nadu.

Programme Articulation Matrix



Programme: 360

AcademicYear: 2023-2024

Batch: 2022-2024

44	YCY301.2	3	2	1	1	0	1	2	2
45	YCY301.3	3	2	1	1	0	2	2	2
46	YCY301.4	3	2	1	1	0	1	2	2
47	YCY301.5	3	2	1	1	0	2	2	2
48	YCY302.1	3	2	1	1	0	2	2	2
49	YCY302.2	3	2	1	1	0	1	2	2
50	YCY302.3	3	2	1	1	0	2	2	2
51	YCY302.4	3	2	1	1	0	1	2	2
52	YCY302.5	3	2	1	1	0	2	2	2
53	YCY303.1	1	2	3	2	1	3	2	1
54	YCY303.2	1	2	3	2	1	3	2	1
55	YCY303.3	1	1	3	2	1	3	2	1
56	YCY304.1	1	2	3	2	1	3	2	1
57	YCY304.2	1	2	3	2	1	3	2	1
58	YCY304.3	1	1	2	2	2	2	2	1

S. S. S. S.
HOD/chemistry

[Handwritten signature]

[Handwritten signature]
Dean Academic,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

Programme Articulation Matrix



Programme: 360

Academic Year: 2023-2024

Batch: 2022-2024

59	YEC305.1	3	2	0	1	1	3	3	0
60	YEC305.2	3	2	0	1	1	3	3	1
61	YEC305.3	3	2	0	1	1	3	3	0
62	YEC305.4	3	2	0	1	1	3	3	0
63	YEC305.5	3	2	0	1	1	3	3	0
64	YCY401.1	1	2	3	2	1	3	2	1
65	YCY401.2	1	2	3	2	1	3	2	1
66	YCY401.3	1	1	3	2	1	3	2	1
67	YCYE02.1	3	2	1	1	0	2	2	2
68	YCYE02.2	3	2	1	1	0	2	2	2
69	YCYE02.3	3	2	1	1	0	2	2	2
70	YCYE02.4	3	2	1	1	0	1	2	2
71	YCYE02.5	3	2	1	1	0	2	2	2
72	YCYE03.1	3	1	0	1	1	2	1	0
73	YCYE03.2	3	2	0	1	1	1	2	0

S. S. S. S.
HOD/chemistry

[Signature]

[Signature]

Dean Academic,
Periyar Manjamma
Institute of Science & Technology
(PMIST), Periyar Nagar, Valluvar,
Thanjavur-613 403, Tamil Nadu.

Programme Articulation Matrix



Programme: 360

Academic Year: 2023-2024

Batch: 2022-2024

74	YCYE03.3	3	1	0	1	1	2	2	0
75	YCYE03.4	3	2	0	1	1	2	2	0
76	YCYE03.5	3	1	0	1	1	1	2	0
77	YCYE06.1	3	2	1	1	0	2	2	2
78	YCYE06.2	3	2	1	1	0	1	2	2
79	YCYE06.3	3	2	1	1	0	2	2	2
80	YCYE06.4	3	2	1	1	0	1	2	2
81	YCYE06.5	3	2	1	1	0	2	2	2
82	YCYE08.1	2	1	0	0	1	1	1	1
83	YCYE08.2	2	1	0	0	1	1	1	1
84	YCYE08.3	1	0	0	0	1	0	1	0
85	YCYE08.4	2	1	0	0	1	1	1	1
86	YCYE08.5	2	1	0	0	1	1	1	1
Average		2.7	1.9	1	1.1	0.5	2	2.1	1.5

Dean Academic,
Periyar Manjammal
Institute of Science & Technology
(PMIST), Periyar Nagar, Vellore
Tamil Nadu-613 403, Tamil Nadu.

HOD/chemistry
(Dr. S. SUNDARANAYAGI)