

# Department of Chemistry

### Course Outcome Attainment

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XGL101	Communication Skills in English	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	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY104	Fundamental Concepts of Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XCY105	Inorganic Chemistry I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
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  
 (Dr. A. MANOJAR)

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 for Dean / FHSM

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 Dean - Academic

### Course Outcome Attainment

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

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	Advanced English Communication Skills	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	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
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	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

for Signature  
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 HOD / eferai stroy  
 (Dr. A. MANOHAR)

for Dean / FHSM

Dean Academic

### Course Outcome Attainment

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

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	3	Yes
		CO3	60	3	Yes
		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

for Approval  
 HOD/chemistry  
 (Dr. A. P. ANAND)

Realize  
 for Dean/FHSM

Dean Academic

### Course Outcome Attainment

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XUM306	Disaster Management	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
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	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
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	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XPG405	Modern Physics Practical	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

for HOD/Coordinator (Dr. A. IQANBHAR)

for Dean/FSM

Dean Academic

### Course Outcome Attainment

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

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	3	Yes
		CO5	60	3	Yes
XCY502A	Phyto Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		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	3	Yes
		CO5	60	3	Yes
XCY504B	Programming in C	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
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	3	Yes

for Approved files  
 HOD/Chemistry  
 Dr. A. K. ANANTHAR

for Dean/FSM

Dean Academic



## Overall PO Attainment Report

Programme: 165

Academic Year: 2022-2023

Batch: 2020-2023

Section: A



S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	XGL101	2	0	0	0	0	0	2	0
2	XGL102A	1.4	0	0	0	0	0	1.2	0
3	XMG103	2	0	1	0	2	0	0	2
4	XCY104	2.8	0	2.4	2.8	0	0	0	0
5	XCY105	2.6	2.8	0	2.2	1.2	2.6	0	1.8
6	XUM106	0	0	0	0	0	0	0	2.6
7	XCY107	2.7	0	0	0	0	0	0	0
8	XGL201	1.4	0	0	0	0	0	1.2	0
9	XES202	0	0	0	2	0	0	1.8	0
10	XMG203	3	2	1	0	0	1	1	1
11	XCY204	2.8	1.6	0	0	1	1.8	2.8	1.6
12	XCY205	2.6	1.8	0	0	1.6	2.2	2.6	2
13	XCY206	2.8	0	0	0	0	0	0	0

for *S. M. Achary*  
HOD/chemistry  
(Dr. A. M. Alottar)

for *Pradip*  
Dean/FISH

for *Pradip*  
Dean Academic (TLA)



## Overall PO Attainment Report



Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

Section: A

14	XCY301	2.6	2.8	3	2.8	2.8	1.6	2.6	3
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	2.4	2.6	0	1	0	3	1.6	1.6
18	XPG305	2.7	2.7	0	0	0	1.7	2.7	2
19	XUM306	1	0	0	0	0	3	2	1
20	XCY307	2.7	2.7	0	0	0	1.7	2.7	2
21	XCY401	3.8	0	0	0	0	0	2	2.6
22	XPG402	2.6	2.2	2.4	2.8	2.8	1.6	2.6	2.4
23	XCY403	2.6	2.2	2.4	3	3	1.6	2.6	2.4
24	XCY404	2.6	2.2	2.4	2.8	2.8	1.6	2.6	2.4
25	XPG405	2.7	2.7	0	0	0	1.7	2.7	2
26	XCY406	2.7	2.7	0	0	0	1.7	2.7	2
27	XCY501	3	1.2	0	0.8	1.2	1	1.8	0.4
28	XCY502A	3	2	0	0	0	3	1	1

for Deputy:  
HOD/chemistry (1/24  
CD: A K PANDHAR)

for Dean/AHEM

Dean Academic (TLD)

## Overall PO Attainment Report



Programme: 165

Academic Year: 2022-2023

Batch: 2020-2023

Section: A

29	XCY503A	3	2	0	0	0	3	1	1
30	XCY504B	2.4	2	0.6	0.8	2.2	0	0	0
31	XCY505	2.3	0.7	0	0	0	0	0	0
32	XCY506	2.7	0	0	0	0	0	1.7	1.7
33	XCY601	2.2	1.8	0	0.8	1	0	2	2
34	XCY602A	2.2	1.8	0	0.8	1	0	2	2
35	XCY603B	2.2	1.8	0	0.8	1	0	2	2
36	XCY604	1	1.7	2.3	1	1	3	3	1
37	XCY605	3	3	1	1	1	2	3	2
38	XCY606	1	1.7	3	2	1	3	2	1

Average Attained	2.3	1.4	0.6	0.8	0.8	1.2	1.6	1.4
Direct Attainment(80%)	3	3	3	3	3	3	3	3

for Signature  
HOD/chemistry  
(Dr. A. MANOHAR)

for Dean/FASH

Dean - Academic (TLE)

### Overall PO Attainment Report

Programme: 165 Academic Year: 2022-2023

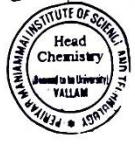
Batch: 2020-2023 Section: A

Prog. Exit Survey(10%)	3	3	3	2	3	3	3	3
Alumni Survey(10%)	3	2	3	2	2	3	3	2

Overall Attainment	3	2.9	3	2.8	2.9	3	3	2.9
Attained	Yes	No	Yes	No	No	Yes	Yes	No



for Head of Dept  
HOD / Chemistry  
(Dr. A. MANISHA)



*Rajasekar*  
for Dean / FASST

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

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

## Programme Articulation Matrix



Programme: 165

Academic Year: 2022-2023

Batch: 2020-2023

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

for HoS  
HOD / Chemis rep  
(Dr. A. N. ALATHAR.)

for Dean / F.H.S.M

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Dean Academic (T.E)

## Programme Articulation Matrix

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023



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

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 HOD / Chemis-106  
 Dr. A. MANOHAR.

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 for Dean / FHSM

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 Dean Academic

### Programme Articulation Matrix

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023



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

for Dr. Anoop  
HOD/chemistry  
(Dr. A. N. ANOOP)

for Dean/FASM

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Dean Academic (TIE)

Dean Academic (TLE)

### Programme Articulation Matrix

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023



PERIYAR MANIAMMAI UNIVERSITY  
VALLUVAR, TAMIL NADU  
Programme: B...

44	XMG203.1	3	2	1	0	0	1	1	1
45	XMG203.2	3	2	1	0	0	1	1	1
46	XMG203.3	3	2	1	0	0	1	1	1
47	XMG203.4	3	2	1	0	0	1	1	1
48	XMG203.5	3	2	1	0	0	1	1	1
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

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HOD / Chemistry  
3/1/24  
C.D. A. MANIYAR

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For Dean / FHEM

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Dean Academic

### Programme Articulation Matrix

Programme: 165

Academic Year: 2022-2023

Batch: 2020-2023



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

For Approval  
HOD/Chemistry  
(Dr. A. NARAYAN)

For Dean/ASCM  
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Dean Academic (TLE)



Programme Articulation Matrix

Programme: 165

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Batch: 2020-2023



PERMANIA  
Pusat Penelitian dan Pengabdian Masyarakat

Programme

Batch:

89

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

*[Signature]*  
HOD/chemistry  
Csr. A. MANOHAR

*[Signature]*  
for Dean/ FHSM  
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*[Signature]*  
Dean Academic

### Programme Articulation Matrix

Programme: 165

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89	XUM306.3	1	0	0	0	0	2	2	1
90	XUM306.4	1	0	0	0	0	2	2	1
91	XUM306.5	0	0	0	0	0	5	2	3
92	XCY307.1	2	3	0	0	0	2	3	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	8	0	0	0	0	0	3	3
99	XCY401.5	3	0	0	0	0	0	2	2
100	XPG402.1	3	3	3	3	3	1	2	3
101	XPG402.2	3	2	3	3	3	2	3	3
102	XPG402.3	3	3	3	3	3	1	3	3
103	XPG402.4	3		3	3	3	3	3	3

for Dean  
HOD (Chemistry)  
(Dr. A. Manikumar)

for Dean/FISM

Dean Academic (TLE)

## Programme Articulation Matrix



Programme: 165

AcademicYear: 2022-2023

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104	XPG402.5	1	3		2	2	1	2	0
105	XCY403.1	3	3	3	3	3	1	2	3
106	XCY403.2	3	2	3	3	3	2	3	3
107	XCY403.3	3	3	3	3	3	1	3	3
108	XCY403.4	3	0	3	3	3	3	3	3
109	XCY403.5	1	3	0	3	3	1	2	0
110	XCY404.1	3	3	3	3	3	1	2	3
111	XCY404.2	3	2	3	3	3	2	3	3
112	XCY404.3	3	3	3	3	3	1	3	3
113	XCY404.4	3	0	3	3	3	3	3	3
114	XCY404.5	1	3	0	2	2	1	2	0
115	XPG405.1	2	3	0	0	0	2	3	2
116	XPG405.2	3	3	0	0	0	2	3	2
117	XPG405.3	3	2	0	0	0	1	2	2
118	XCY406.1	2	3	0	0	0	2	3	2

for Approval  
 HOD/Chemistry  
 (Dr. A. MANOHAR)

for Dean / FHSM  
 Page 8/12

Dean Academic (TLE)

## Programme Articulation Matrix

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023



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

*for Approval*  
 HOD/Chemistry  
 (Dr. A. Manohar)

*for Approval*  
 for Dean  
 FHS  
 Page 9/12

*for Approval*  
 Dean - Academic (TLE)

## Programme Articulation Matrix

Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023



134	XCY503A.4	3	2	0	0	0	3	1	1
135	XCY503A.5	3	2	0	0	0	3	1	1
136	XCY504B.1	3	2	0	0	3	0	0	0
137	XCY504B.2	3	2	0	0	2	0	0	0
138	XCY504B.3	2	2	1	2	2	0	0	0
139	XCY504B.4	2	2	1	2	2	0	0	0
140	XCY504B.5	2	2	1	0	2	0	0	0
141	XCY505.1	3	2	0	0	0	0	0	0
142	XCY505.2	2	0	0	0	0	0	0	0
143	XCY505.3	2	0	0	0	0	0	0	0
144	XCY506.1	3	0	0	0	0	0	2	2
145	XCY506.2	2	0	0	0	0	0	1	1
146	XCY506.3	3	0	0	0	0	0	2	2
147	XCY601.1	2	1	0	1	1	0	2	2
148	XCY601.2	2	2	0	1	1	0	2	2

*[Signature]*  
 HO (CHEMISTRY) /  
 CD (ANALYTICAL)

*[Signature]*  
 for Dean / FISM

*[Signature]*  
 Dean Academic (TLF)

### Programme Articulation Matrix

Programme: 165

Academic Year: 2022-2023

Batch: 2020-2023



149	XCY601.3	3	2	0	0	1	0	2	2
150	XCY601.4	2	2	0	1	1	0	2	2
151	XCY601.5	2	2	0	1	1	0	2	2
152	XCY602A.1	2	1	0	1	1	0	2	2
153	XCY602A.2	2	2	0	1	1	0	2	2
154	XCY602A.3	3	2	0	0	1	0	2	2
155	XCY602A.4	2	2	0	1	1	0	2	2
156	XCY602A.5	2	2	0	1	1	0	2	2
157	XCY603B.1	2	1	0	1	1	0	2	2
158	XCY603B.2	2	2	0	1	1	0	2	2
159	XCY603B.3	3	2	0	0	1	0	2	2
160	XCY603B.4	2	2	0	1	1	0	2	2
161	XCY603B.5	2	2	0	1	1	0	2	2
162	XCY604.1	1	2	3	1	1	3	3	1
163	XCY604.2	1	2	1	1	1	3	3	1

for  
HOD/Chemistry  
Chennai  
(S.A. MANIAME)

for Dean / FASM Page 11/12

Dean-Academic

### Programme Articulation Matrix



Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

164	XCY604.3	1	1	3	1	1	3	3	1
165	XCY605.1	3	3	1	1	1	2	3	2
166	XCY605.2	3	3	1	1	1	2	3	2
167	XCY605.3	3	3	1	1	1	2	3	2
168	XCY606.1	1	2	3	2	1	3	2	1
169	XCY606.2	1	2	3	2	1	3	2	1
170	XCY606.3	1	1	3	2	1	3	2	1
Average		2.3	1.4	0.6	0.8	0.8	1.2	1.6	1.4

*A. Anand*  
HOD/chemistry  
(Dr. A. Anand)



*Dr. A. Anand*  
for Dean/FHM

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

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

## Programme Articulation Matrix



Programme: 165

AcademicYear: 2022-2023

Batch: 2020-2023

89	XUM306.3	1	0	0	0	0	2	2	1
90	XUM306.4	1	0	0	0	0	2	2	1
91	XUM306.5	0	0	0	0	0	5	2	3
92	XCY307.1	2	3	0	0	0	2	3	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	8	0	0	0	0	0	3	3
99	XCY401.5	3	0	0	0	0	0	2	2
100	XPG402.1	3	3	3	3	3	1	2	3
101	XPG402.2	3	2	3	3	3	2	3	3
102	XPG402.3	3	3	3	3	3	1	3	3
103	XPG402.4	3		3	3	3	3	3	3

for Sanjeev  
HOD (Chemistry)  
(Dr. A. Manohar)

for Dr. Kalpana  
Dean/FHM

Dean Academic (TLE)



## Overall PO Attainment Report



Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023

Section: A

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	YCY101	3	2	1	1	0	1.6	2	2
2	YCY102	3	2	1	1	0	1.6	2	2
3	YCY103	3	2	1	1	0	1.6	2	2
4	YCY104	3	3	2	1	2	2	3	3
5	YCY105	3	3	2	1	2	2	3	3
6	YCY201	3	2	1	1	0	1.6	2	2
7	YCY202	3	2	1	1	0	1.6	2	2
8	YCY203	3	3	2	1	2	2	3	3
9	YCY204	3	3	2	1	2	2	3	3
10	YCY301	3	2	0	1	1	3	3	0
11	YCY302	3	2	0	1	1	3	3	1.4
12	YCY303	0.7	0.3	0.7	0.3	0.7	1.7	0.7	0.7
13	YEC305	3	2	0	1	1	3	3	0

*S. S. S. S.*  
HOD/Chemistry

*Rathnay*  
for Dean (i/c) FISM

*Singh*  
Dean Academic (TLE)

## Overall PO Attainment Report



Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023

Section: A

14	YCY401	2.8	1.9	0.9	0.9	0	1.5	1.9	1.9
15	YCY402	1	1.7	3	2	1	3	2	1
16	YCY405	1	1.7	3	2	1	3	2	1
17	YCYE02	3	2	1	1	0	1.6	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	3	2	1	1	0	1.6	2	2

AverageAttained	2.7	2.1	1.2	1.1	0.7	2	2.3	1.7
Direct Attainment(80%)	3	3	3	3	3	3	3	3

Prog. Exit Survey(10%)	3	3	3	2	3	3	3	3
Alumni Survey(10%)	3	2	3	2	2	3	3	2

*S. S. S.*  
HOD/chemistry

*B. K. S.*  
for Dean (C/C) FHSM

*S. S. S.*  
Dean Academic (GLE)

## Overall PO Attainment Report



Programme: 360

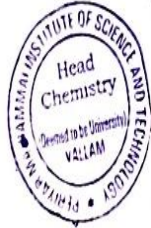
AcademicYear: 2022-2023

Batch: 2021-2023

Section: A

Overall Attainment	3	2.9	3	2.8	2.9	3	3	2.9
Attained	Yes	No	Yes	No	No	Yes	Yes	No

*S. S. S. S.*



*Rathinam*  
for Dean/FHSM

Dean,  
Faculty of Humanities, Sciences & Management,  
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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

AcademicYear: 2022-2023

Batch: 2021-2023

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. P.*  
HOD/chemistry

*P. S. S.*  
Dean (i/c) FHSM

*S. S. S.*  
Dean Academic (TLE)

## Programme Articulation Matrix



Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023

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	3	3	2	1	2	2	3	3
17	YCY104.2	3	3	2	1	2	2	3	3
18	YCY104.3	3	3	2	1	2	2	3	3
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.*  
HOD/chemistry

*B. S. S.*  
for Dean (i/c) FASM

*S. S. S.*  
Dean Academic (TLE)

## Programme Articulation Matrix

Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023



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	3	2	1	2	2	3	3
33	YCY203.2	3	3	2	1	2	2	3	3
34	YCY203.3	3	3	2	1	2	2	3	3
35	YCY204.1	3	3	2	1	2	2	3	3
36	YCY204.2	3	3	2	1	2	2	3	3
37	YCY204.3	3	3	2	1	2	2	3	3
38	YCY301.1	3	2	0	1	1	3	3	0
39	YCY301.2	3	2	0	1	1	3	3	0
40	YCY301.3	3	2	0	1	1	3	3	0
41	YCY301.4	3	2	0	1	1	3	3	0
42	YCY301.5	3	2	0	1	1	3	3	0
43	YCY302.1	3	2	0	1	1	3	3	2

*[Signature]*  
HOD/chemistry

*[Signature]*  
for Dean (i/c) F.H.S.M.

*[Signature]*  
Dean Academic (TLE)

## Programme Articulation Matrix

Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023



44	YCY302.2	3	2	0	1	1	3	3	1
45	YCY302.3	3	2	0	1	1	3	3	2
46	YCY302.4	3	2	0	1	1	3	3	1
47	YCY302.5	3	2	0	1	1	3	3	1
48	YCY303.1	1	0	1	0	1	1	0	2
49	YCY303.2	0	0	1	1	0	2	1	0
50	YCY303.3	1	1	0	0	1	2	1	0
51	YEC305.1	3	2	0	1	1	3	3	0
52	YEC305.2	3	2	0	1	1	3	3	0
53	YEC305.3	3	2	0	1	1	3	3	0
54	YEC305.4	3	2	0	1	1	3	3	0
55	YEC305.5	3	2	0	1	1	3	3	0
56	YCY401.1	3	2	1	1	0	2	2	2
57	YCY401.2	3	2	1	1	0	1	2	2
58	YCY401.3	3	2	1	1	0	2	2	2

*[Signature]*  
HOD/chemistry

*[Signature]*  
for Dean (i/c) FHSM

*[Signature]*  
Dean Academic (T/E)

## Programme Articulation Matrix



Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023

59	YCY401.4	3	2	1	1	0	1	2	2
60	YCY401.5	3	2	1	1	0	2	2	2
61	YCY402.1	1	2	3	2	1	3	2	1
62	YCY402.2	1	2	3	2	1	3	2	1
63	YCY402.3	1	1	3	2	1	3	2	1
64	YCY405.1	1	2	3	2	1	3	2	1
65	YCY405.2	1	2	3	2	1	3	2	1
66	YCY405.3	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	1	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.*  
HOD/Chemistry

*Prallige*  
Dean (it) PHSM

*Ching*  
Dean Academic (TLE)



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### Course Outcome Attainment

Programme: 360

Academic Year: 2022-2023

Batch: 2021-2023

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	3	Yes
		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 Practical I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	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	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		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
YCY203	Inorganic Practical II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes

*[Signature]*  
 HOD / Chemistry

*[Signature]*  
 for Dean (C/O) FHSM

*[Signature]*  
 Dean Academic (TLE)

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INSTITUTE OF SCIENCE & TECHNOLOGY  
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### Course Outcome Attainment

Programme: 360

AcademicYear: 2022-2023

Batch: 2021-2023

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YCY204	Physical Chemistry Practical II	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	3	Yes
		CO5	60	3	Yes
YCY302	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
YCY303	Organic Chemistry Practical -I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YEC305	Analytical Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCY401	Physical Methods in Chemistry-II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	2	No
YCY402	Organic Chemistry Practical -II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YCY405	Dissertation -Project work	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes

*S. S. P.*  
HOD/chemistry

*Prathima*  
for Dean (i/c) FHSM

*[Signature]*  
Dean Academic (I/E)



### Course Outcome Attainment

Programme: 360

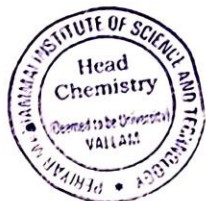
AcademicYear: 2022-2023

Batch: 2021-2023

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YCYE02	Supramolecular 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	Industrial Chemistry	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YCYE08	Chemistry of nanoscience and nanotech.	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes

*[Handwritten Signature]*



*[Handwritten Signature]*  
 for Dean/AHSN

Dean,  
 Faculty of Humanities Sciences & Management,  
 Periyar Maniammai  
 Institute of Science & Technology,  
 (PMIST), Periyar Nagar, Vallam,  
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*[Handwritten Signature]*

Dean Academic (TLA)  
 Dean Academic,  
 Periyar Maniammai  
 Institute of Science & Technology,  
 (PMIST), Periyar Nagar, Vallam,  
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