

THE NEW COLLEGE (AUTONOMOUS), CHENNAI-600 014
SEMESTER WISE WORK DISTRIBUTION FOR UG SCIENCE

With effect from Academic year 2017

Number of Hours per Course

Sem	Language	VBE	English	SS	Allied	Core	Part IV	Total Hours Per Week
I	5	1	4	2	9	6+2	IC - 1	30
II	5	1	4	2	9	6+2	ES - 1	30
III	6	-	6	-	9	6+2	NME/AT/BT - 1	30
IV	6	-	6	-	9	6+2	NME/AT/BT - 1	30
V	-	-	-	-	-	24+6	-	30
VI	-	-	-	-	-	18+12	-	30
No. of Teaching Hours	22	2	20	4	36	92	4	180

Credit Details Part Wise

Part	Subject	Course	Credit	Total
I	Language	4	3	12
II	English	4	3	12
III	Major T + P	14	5	70
	Major P	4	3	12
	Allied	4	5	20
IV	SS	2	2	4
	VE	2	2	4
	IC	1	1	1
	ES	1	1	1
	NME	2	1	2
V	EA			2
Total				140

T - Theory
P - Practical

THE NEW COLLEGE (AUTONOMOUS), CHENNAI-600 014
SEMESTER WISE WORK DISTRIBUTION FOR PG (ARTS, COMMERCE & SCIENCE)

With effect from Academic year 2017

Sem	Core	Elective	Extra Dis. Elec.	Softskills	Total
I	3	1	-	1	5
II	5	1	1	1	8
III	3	1	-	1	5
IV	4	2	1	1	8
Total	15	5	2	4	26

Total 26 Courses	26
Total No. of Hours	120

	Subject	Credit	Total
Core Courses	15	4	60
Elective	5	3	15
Extra Dis. Elec.	2	3	6
Soft Skills	4	2	8
Internship	1	2	2
Total			91

Department of Chemistry (UG) CPM

Sem	Subject Code	Part	Title of the Paper	Hours Week	Credits	Theory/ Practical	Exam Hours	CIA	External Marks	Total Marks
1	17BXF/17BAF/17BYF/17BPF/17BNF101	1	Language - I	5	3	Theory	3	25	75	100
	17BMF101	2	English - I	4	3	Theory	3	25	75	100
	17BEM101	3	General Chemistry – I	5	5	Theory	3	25	75	100
	17BTA102		Allied Mathematics – I	9	5	Theory	3	25	75	100
	-		Practical - 1: Inorganic Qualitative Analysis*	3	-	Practical	-	-	-	-
	17BIO101	4	Introduction to Computer and PC Software	1	1	Theory	3	25	75	100
	17BSO102		Soft Skills	2	2	Theory	3	25	75	100
	17BVO103		Value Education	1	2	Theory	3	25	75	100
Total				30	21			175	525	700
2	17BXF/17BAF/17BYF/17BPF/17BNF202	1	Language - II	5	3	Theory	3	25	75	100
	17BMF202	2	English - II	4	3	Theory	3	25	75	100
	17BEM202	3	General Chemistry – II	5	5	Theory	3	25	75	100
	17BTA206		Allied Mathematics – II	9	5	Theory	3	25	75	100
	17BEMP201		Practical - 1: Inorganic Qualitative Analysis	3	4	Practical	3	25	75	100
	17BEO204	4	Environmental Science	1	1	Theory	3	25	75	100
	17BSO205		Soft Skills	2	2	Theory	3	25	75	100
	17BVO206		Value Education	1	2	Theory	3	25	75	100
Total				30	25	-		200	600	800
3	17BXF/17BAF/17BYF/17BPF/17BNF303	1	Language - III	6	3	Theory	3	25	75	100
	17BMF303	2	English - III	6	3	Theory	3	25	75	100
	17BEM303	3	General Chemistry – III	5	5	Theory	3	25	75	100
	17BUA301		Allied Physics	6	4	Theory	3	25	75	75
	-		Practical - 2: Physical Chemistry Practical – I*	3	-	Practical	-	-	-	-
	-		Allied Physics Practical*	3	-	Practical	-	-	-	-
	17BEN301	4	Non Major Elective	1	1	Theory	3	25	75	100
	17BXA301		Advanced Tamil							
17BXB301	Basic Tamil									
Total				30	16			125	375	475
4	17BXF/17BAF/17BYF/17BPF/17BNF404	1	Language - IV	6	3	Theory	3	25	75	100
	17BMF404	2	English - IV	6	3	Theory	3	25	75	100
	17BEM404	3	General Chemistry – IV	5	5	Theory	3	25	75	100
	17BUA402		Allied Physics	6	4	Theory	3	25	75	75
	17BEMP402		Practical - 2: Physical Chemistry Practical – I	0	3	Practical	3	25	75	100
	17BEMP403		Practical - 3: Physical Chemistry Practical – II	3	3	Practical	3	25	75	100
	17BUAP401		Allied Physics Practical	3	2	Practical	3	-	50	50
	17BEN402	4	Non Major Elective	1	1	Theory	3	25	75	100
	17BXA402		Advanced Tamil							
17BXB402	Basic Tamil									
Total				30	24			175	575	725
5	17BEM505	3	Inorganic Chemistry – I	5	5	Theory	3	25	75	100
	17BEM506		Organic Chemistry – I	5	5	Theory	3	25	75	100
	17BEM507		Physical Chemistry – I	5	5	Theory	3	25	75	100
	17BEM508		Analytical Chemistry – I	5	5	Theory	3	25	75	100
			Practical - 4: Volumetric Analysis*	3		Practical				
			Practical - 5: Gravimetric Analysis*	4		Practical				
			Practical - 6: Organic Analysis & Preperation*	3		Practical				
Total				30	20			100	300	400
6	17BEM609	3	Inorganic Chemistry – II	5	5	Theory	3	25	75	100
	17BEM610		Organic Chemistry – II	5	5	Theory	3	25	75	100
	17BEM611		Physical Chemistry – II	5	5	Theory	3	25	75	100
	17BEM612		Analytical Chemistry – II	5	5	Theory	3	25	75	100
	17BEMP605		Practical - 4: Volumetric Analysis	3	4	Practical	3	25	75	100
	17BEMP606		Practical - 5: Gravimetric Analysis	4	4	Practical	3	25	75	100
	17BEMP607		Practical - 6: Organic Analysis & Preperation	3	4	Practical	3	25	75	100
	17BEA601		Extension Activity	-	2	-	-	-	-	-
Total				30	34			175	525	700
Grand Total				180	140			950	2900	3800

Department of Chemistry (UG) CPZ

Sem	Subject Code	Part	Title of the Paper	Hours Week	Credits	Theory/ Practical	Exam Hours	CIA	External Marks	Total Marks	
1	17BXF/17BAF/17BYF/ 17BPF/17BNF101	1	Language - I	5	3	Theory	3	25	75	100	
	17BMF101	2	English - I	4	3	Theory	3	25	75	100	
	17BEM101	3	General Chemistry – I	5	5	Theory	3	25	75	100	
	17BZA101		Allied Zoology (CPZ)	6	4	Theory	3	25	75	75	
	-		Practical - 1: Inorganic Qualitative Analysis*	3	-	Practical	-	-	-	-	
	-	-	-	Allied Zoology Practical* (CPZ)	3	-	Practical	-	-	-	-
	17BIO101	4	Introduction to Computer and PC Software	1	1	Theory	3	25	75	100	
	17BSO102		Soft Skills	2	2	Theory	3	25	75	100	
	17BVO103		Value Education	1	2	Theory	3	25	75	100	
Total				30	20			175	525	675	
2	17BXF/17BAF/17BYF/ 17BPF/17BNF202	1	Language - II	5	3	Theory	3	25	75	100	
	17BMF202	2	English - II	4	3	Theory	3	25	75	100	
	17BEM202	3	General Chemistry – II	5	5	Theory	3	25	75	100	
	17BZA202		Allied Zoology – II	6	4	Theory	3	25	75	75	
	17BEMP201		Practical - 1: Inorganic Qualitative Analysis	3	4	Practical	3	25	75	100	
	17BZAP201	-	Allied Zoology Practical	3	2	Practical	3	25	75	50	
	17BEO204	4	Environmental Science	1	1	Theory	3	25	75	100	
	17BSO205		Soft Skills	2	2	Theory	3	25	75	100	
	17BVO206		Value Education	1	2	Theory	3	25	75	100	
Total				30	26	-		225	675	825	
3	17BXF/17BAF/17BYF/ 17BPF/17BNF303	1	Language - III	6	3	Theory	3	25	75	100	
	17BMF303	2	English - III	6	3	Theory	3	25	75	100	
	17BEM303	3	General Chemistry – III	5	5	Theory	3	25	75	100	
	17BUA301		Allied Physics	6	4	Theory	3	25	75	75	
	-		Practical - 2: Physical Chemistry Practical – I*	3	-	Practical	-	-	-	-	
	-	-	-	Allied Physics Practical*	3	-	Practical	-	-	-	-
	17BEN301	4	Non Major Elective	1	1	Theory	3	25	75	100	
	17BXA301		Advanced Tamil								
	17BXB301		Basic Tamil								
Total				30	16			125	375	475	
4	17BXF/17BAF/17BYF/ 17BPF/17BNF404	1	Language - IV	6	3	Theory	3	25	75	100	
	17BMF404	2	English - IV	6	3	Theory	3	25	75	100	
	17BEM404	3	General Chemistry – IV	5	5	Theory	3	25	75	100	
	17BUA402		Allied Physics	6	4	Theory	3	25	75	75	
	17BEMP402		Practical - 2: Physical Chemistry Practical – I	0	3	Practical	3	25	75	100	
	17BEMP403	-	Practical - 3: Physical Chemistry Practical – II	3	3	Practical	3	25	75	100	
	17BUAP401	-	Allied Physics Practical	3	2	Practical	3	-	75	50	
	17BEN402	4	Non Major Elective	1	1	Theory	3	25	75	100	
	17BXA402		Advanced Tamil								
17BXB402	Basic Tamil										
Total				30	24			175	600	725	
5	17BEM505	3	Inorganic Chemistry – I	5	5	Theory	3	25	75	100	
	17BEM506		Organic Chemistry – I	5	5	Theory	3	25	75	100	
	17BEM507		Physical Chemistry – I	5	5	Theory	3	25	75	100	
	17BEM508		Analytical Chemistry – I	5	5	Theory	3	25	75	100	
	-		Practical - 4: Volumetric Analysis*	3		Practical					
	-		Practical - 5: Gravimetric Analysis*	4		Practical					
	-		Practical - 6: Organic Analysis & Preperation*	3		Practical					
Total				30	20			100	300	400	
6	17BEM609	3	Inorganic Chemistry – II	5	5	Theory	3	25	75	100	
	17BEM610		Organic Chemistry – II	5	5	Theory	3	25	75	100	
	17BEM611		Physical Chemistry – II	5	5	Theory	3	25	75	100	
	17BEM612		Analytical Chemistry – II	5	5	Theory	3	25	75	100	
	17BEMP605		Practical - 4: Volumetric Analysis	3	4	Practical	3	25	75	100	
	17BEMP606		Practical - 5: Gravimetric Analysis	4	4	Practical	3	25	75	100	
	17BEMP607		Practical - 6: Organic Analysis & Preperation	3	4	Practical	3	25	75	100	
	17BEA601		Extension Activity	-	2	-	-	-	-	-	
Total				30	34			175	525	700	
Grand Total				180	140			975	3000	3800	

Department of Chemistry (PG)

Sem	Subject Code	Part	Title of the Paper	Hours Week	Credits	Theory/ Practical	Exam Hours	CIA	External Marks	Total Marks
1	17MEM101	1	Inorganic Chemistry – I	5	4	Theory	3	25	75	100
	17MEM102		Organic Chemistry – I	5	4	Theory	3	25	75	100
	17MEM103		Physical Chemistry	5	4	Theory	3	25	75	100
	17MEM104		Analytical Chemistry	4	3	Theory	3	25	75	100
	-		Inorganic Chemistry – Practical I	4	-	Practical	-	-	-	-
	-		Organic Chemistry – Practical I	3	-	Practical	-	-	-	-
	-		Physical Chemistry – Practical I	3	-	Practical	-	-	-	-
	17MSO101	2	Soft Skills	1	2	Theory	3	25	75	100
Total				30	17			125	375	500
2	17MEM205	1	Inorganic Chemistry – II	5	4	Theory	3	25	75	100
	17MEM206		Organic Chemistry – II	5	4	Theory	3	25	75	100
	17MEM207		Physical Chemistry – II	5	4	Theory	3	25	75	100
	17MEM208		Synthetic Organic Chemistry	4	3	Theory	3	25	75	100
	17MEMP201		Inorganic Chemistry – Practical I	3	4	Practical	6	25	75	100
	17MEMP202		Organic Chemistry – Practical I	4	4	Practical	6	25	75	100
	17MEMP203		Physical Chemistry – Practical I	3	3	Practical	6	25	75	100
	17MSO202	2	Soft Skills	1	2	Theory	3	25	75	100
	17MIT201		Internship Training	-	2	-	-	-	-	-
Total				30	30			200	600	800
3	17MEM309	1	Inorganic Chemistry – III	5	4	Theory	3	25	75	100
	17MEM310		Organic Chemistry – III	5	4	Theory	3	25	75	100
	17MEM311		Physical Chemistry - III	5	4	Theory	3	25	75	100
	17MEM312		Bio - Inorganic Chemistry	4	3	Theory	3	25	75	100
	-		Inorganic Chemistry Practical – II	3	-	Practical	-	-	-	-
	-		Organic Chemistry Practical – II	3	-	Practical	-	-	-	-
	-		Physical Chemistry Practical – II	4	-	Practical	-	-	-	-
	17MSO303	2	Soft Skills (Career Prospects)	1	2	Theory	3	25	75	100
Total				30	17			125	375	500
4	17MEM413	1	Inorganic Chemistry – IV	5	4	Theory	3	25	75	100
	17MEM414		Organic Chemistry – IV	5	4	Theory	3	25	75	100
	17MEM415		Physical Chemistry – IV	5	4	Theory	3	25	75	100
	17MEM416		Nano Chemistry	4	3	Theory	3	25	75	100
	17MEMP404		Inorganic Chemistry – Practical II	3	3	Practical	6	25	75	100
	17MEMP405		Organic Chemistry – Practical II	3	3	Practical	6	25	75	100
	17MEMP406		Physical Chemistry – Practical II	4	4	Practical	6	25	75	100
	17MSO404	2	Presentation Skills	1	2	Theory	3	25	75	100
Total				30	27			200	600	800
Grand Total				120	91			650	1950	2600