

THE NEW COLLEGE (AUTONOMOUS), CHENNAI-600 014

SEMESTER WISE WORK DISTRIBUTION FOR UG MATHS

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	4+4	IC - 1	30
II	5	1	4	2	9	4+4	ES - 1	30
III	6	-	6	-	9	4+4	NME/AT/BT - 1	30
IV	6	-	6	-	9	4+4	NME/AT/BT - 1	30
V	-	-	-	-	-	24+6	-	30
VI	-	-	-	-	-	18+12	-	30
<b>No. of Teaching Hours</b>	<b>22</b>	<b>2</b>	<b>20</b>	<b>4</b>	<b>36</b>	<b>92</b>	<b>4</b>	<b>180</b>

Credit Details Part Wise

Part	Subject	Course	Credit	Total
I	Language	4	3	12
II	English	4	3	12
III	Major	10	5	50
	Major	8	4	32
	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
<b>Total</b>				<b>140</b>

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

With effect from Academic year 2017

<b>Sem</b>	<b>Core</b>	<b>Elective</b>	<b>Extra Dis. Elec.</b>	<b>Softskills</b>	<b>Total</b>
I	4	1	-	1	6
II	4	1	1	1	7
III	4	1	1	1	7
IV	3	2	-	1	6
<b>Total</b>	<b>15</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>26</b>

Total 26 Courses	26
Total No. of Hours	120

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

**Department of Mathematics (UG)**

Sem	Subject Code	Part	Title of the Paper	Hours Week	Credits	Theory/ Practical	ExamH ours	CIA	External Marks	Total Mark
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
	17BTM101	3	Algebra and Analytical Geometry	4	4	Theory	3	25	75	100
	17BTM102		Calculus and Trigonometry	4	4	Theory	3	25	75	100
	17BTA101		Mathematical Statistics - I	6	4	Theory	3	25	75	75
	-		Mathematical Statistics Practical	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
<b>Total</b>				<b>30</b>	<b>23</b>			<b>200</b>	<b>600</b>	<b>775</b>
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
	17BTM203	3	Classical Algebra	4	4	Theory	3	25	75	100
	17BTM204		Calculus and Fourier Series	4	4	Theory	3	25	75	100
	17BTA205		Mathematical Statistics – II	6	4	Theory	3	25	75	75
	17BTAP201		Mathematical Statistics 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
<b>Total</b>				<b>30</b>	<b>25</b>	<b>-</b>		<b>225</b>	<b>675</b>	<b>825</b>
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
	17BTM305	3	Differential Equations & Laplace Transforms	4	4	Theory	3	25	75	100
	17BTM306		Vector Calculus	4	4	Theory	3	25	75	100
	17BTA303		Numerical Methods – I	9	5	Theory	3	25	75	100
	17BFA303		Financial Accounting							
	14BUA301	Allied Physics - I	6	4	Theory					
		Allied Physics Practical - I	3	-	Practical	-	-	-	-	
	17BTN301	4	Non Major Elective	1	1	Theory	3	25	75	100
17BXA301	Advanced Tamil									
17BXB301	Basic Tamil									
<b>Total</b>				<b>30</b>	<b>20</b>			<b>150</b>	<b>450</b>	<b>600</b>
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
	17BTM407	3	Analytical Geometry of 3D	4	4	Theory	3	25	75	100
	17BTM408		Statics	4	4	Theory	3	25	75	100
	17BTA404		Numerical Methods – I	9	5	Theory	3	25	75	100
	17BFA404		Management Accounting							
	14BUA402	Allied Physics - II	6	4	Theory					
	14BUAP401	Allied Physics Practical - II	3	-	Practical	-	-	-	-	
	17BTN402	4	Non Major Elective	1	1	Theory	3	25	75	100
17BXA402	Advanced Tamil									
17BXB402	Basic Tamil									
<b>Total</b>				<b>30</b>	<b>20</b>			<b>150</b>	<b>450</b>	<b>600</b>
5	17BTM509	3	Abstract Algebra	6	5	Theory	3	25	75	100
	17BTM510		Real Analysis	6	5	Theory	3	25	75	100
	17BTM511		Dynamics	6	5	Theory	3	25	75	100
	17BTM512		Discrete Mathematics	6	5	Theory	3	25	75	100
	17BTM513		Operation Research – I	6	5	Theory	3	25	75	100
	17BTM514		Advanced Numerical Methods - I							
<b>Total</b>				<b>30</b>	<b>25</b>			<b>125</b>	<b>375</b>	<b>500</b>
6	17BMM615	3	Linear Algebra	6	5	Theory	3	25	75	100
	17BMM616		Complex Analysis	6	5	Theory	3	25	75	100
	17BMM617		Graph Theory	6	5	Theory	3	25	75	100
	17BMM618		Operation Research – II	6	5	Theory	3	25	75	100
	17BTM619		Advanced Numerical Methods - II							
	17BTM620		Programming in C (Theory(50) & Practical(50))	6	5	Theory	3	25	75	100
	17BTEA601	5	Extension Activity	-	2	-	-	-	-	
<b>Total</b>				<b>30</b>	<b>27</b>			<b>125</b>	<b>375</b>	<b>500</b>
<b>Grand Total</b>				<b>180</b>	<b>140</b>			<b>975</b>	<b>2925</b>	<b>3800</b>

**Department of Mathematics (PG)**

Sem	Subject Code	Part	Title of the Paper	Hours Week	Credits	Theory/ Practical	Exam Hours	CIA	External Marks	Total Marks
1	17MTM101	1	Algebra – I	6	4	Theory	3	25	75	100
	17MTM102		Real Analysis	6	4	Theory	3	25	75	100
	17MTM103		Classical Dynamics	6	4	Theory	3	25	75	100
	17MTM104		Ordinary Differential Equation	6	4	Theory	3	25	75	100
	17MTM105		Mathematical Statistics - I	4	3	Theory	3	25	75	100
	17MSO101	2	Soft Skills	2	2	Theory	3	25	75	100
<b>Total</b>				<b>30</b>	<b>21</b>			<b>150</b>	<b>450</b>	<b>600</b>
2	17MTM206	1	Algebra – II	6	4	Theory	3	25	75	100
	17MTM207		Complex Analysis	6	4	Theory	3	25	75	100
	17MTM208		Discrete Mathematics	6	4	Theory	3	25	75	100
	17MTM209		Partial Differential Equation	6	4	Theory	3	25	75	100
	17MTM210		Mathematical Statistics – II	4	3	Theory	3	25	75	100
	17MSO202	2	Soft Skills	2	2	Theory	3	25	75	100
	17MIT202		Internship Training	-	2	-	-	-	-	-
<b>Total</b>				<b>30</b>	<b>23</b>			<b>150</b>	<b>450</b>	<b>600</b>
3	17MTM311	1	Graph Theory	6	4	Theory	3	25	75	100
	17MTM312		Differential Geometry	6	4	Theory	3	25	75	100
	17MTM313		Topology	5	4	Theory	3	25	75	100
	17MTM314		Introduction to Fuzzy Logics	5	4	Theory	3	25	75	100
	17MTM315		Programming in C++	3	3	Theory	3	25	75	100
	17MTMP301		Programming in C++ With Practical	3	3	Theory	3	25	75	100
	17MSO303	2	Soft Skills	2	2	Theory	3	25	75	100
<b>Total</b>				<b>30</b>	<b>24</b>			<b>175</b>	<b>525</b>	<b>700</b>
4	17MTM416	1	Numerical Analysis	6	4	Theory	3	25	75	100
	17MTM417		Fluid Dynamics	6	4	Theory	3	25	75	100
	17MTM418		Functional Analysis	6	4	Theory	3	25	75	100
	17MTM419		Advanced Operation Research	4	3	Theory	3	25	75	100
	17MTM420		Programming in Java	3	3	Theory	3	25	75	100
	17MTMP402		Programming in Java With Practical	3	3	Theory	3	25	75	100
	17MSO404	2	Presentation Skills	2	2	Theory	3	25	75	100
<b>Total</b>				<b>30</b>	<b>23</b>			<b>175</b>	<b>525</b>	<b>700</b>
<b>Grand Total</b>				<b>120</b>	<b>91</b>			<b>650</b>	<b>1950</b>	<b>2600</b>