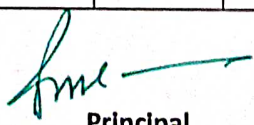


NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)
POLLACHI
DEPARTMENT OF MATHEMATICS

SEMESTER III							
17PMS311	Core XI: Topology	6	3	25	75	100	4
17PMS312	Core XII: Functional Analysis	6	3	25	75	100	4
17PMS313	Core XIII: Combinatorics	6	3	25	75	100	4
17PMS314	Core XIV: Graph Theory	6	3	25	75	100	4
17PMS3E3	ME III: Latex	4	3	25 (Converted to 10)	75 (Converted to 40)	50	3
17PMS3E4	ME Practical IV: Programming Lab in Latex	2	3	40 (Converted to 20)	60 (Converted to 30)	50	2
TOTAL		30		130	370	500	21
SEMESTER IV							
17PMS415	Core XV: Fluid Dynamics	6	3	25	75	100	4
17PMS416	Core XVI: Operator Theory	6	3	25	75	100	4
17PMS417	Core XVII: Control Theory	6	3	25	75	100	4
17PMS4E5	ME V: Mathematical Methods	6	3	25	75	100	5
17PMS4P1	Core XVIII: Project	4+ 2(Lab)	----	40	160	200	8
TOTAL		30	----	140	460	600	25
GRAND TOTAL		120		530	1670	2200	90


Head of the Department
 Head, Department of Mathematics
 NGM College (Autonomous)
 Affiliated to Bharathiar University)
 Pollachi - 642 001


Principal
PRINCIPAL
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SEMESTER III							
18PMS311	Core XI: Topology	6	3	25	75	100	4
18PMS312	Core XII: Functional Analysis	6	3	25	75	100	4
18PMS313	Core XIII: Combinatorics	6	3	25	75	100	4
18PMS314	Core XIV: Graph Theory	6	3	25	75	100	4
18PMS3E3	ME III: Latex	4	3	25 (Converted to 10)	75 (Converted to 40)	50	3
18PMS3E4	ME Practical IV: Programming Lab in Latex	2	3	40 (Converted to 20)	60 (Converted to 30)	50	2
TOTAL		30		130	370	500	21
SEMESTER IV							
18PMS415	Core XV: Fluid Dynamics	6	3	25	75	100	4
18PMS416	Core XVI: Operator Theory	6	3	25	75	100	4
18PMS417	Core XVII: Control Theory	6	3	25	75	100	4
18PMS4E5	ME V: Mathematical Methods	6	3	25	75	100	5
18PMS4P1	Core XVIII: Project	4+ 2(Lab)	----	40	160	200	8
TOTAL		30	----	140	460	600	25
GRAND TOTAL		120		530	1670	2200	90

ME-Major Elective NME- Non Major Elective



HOD

Dr. V. Inthumathi, Ph.D.,
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SEMESTER III

19PMS311	Core XI: Topology	6	3	25	75	100	4
19PMS312	Core XII: Functional Analysis	6	3	25	75	100	4
19PMS313	Core XIII: Combinatorics	6	3	25	75	100	4
19PMS314	Core XIV: Graph Theory	6	3	25	75	100	4
19PMS3E3	ME III: Latex	4	3	25 (Converted to 10)	75 (Converted to 40)	50	3
19PMS3E4	ME Practical IV: Programming Lab in Latex	2	3	40 (Converted to 20)	60 (Converted to 30)	50	2
TOTAL		30		130	370	500	21

SEMESTER IV

19PMS415	Core XV: Fluid Dynamics	6	3	25	75	100	4
19PMS416	Core XVI: Operator Theory	6	3	25	75	100	4
19PMS417	Core XVII: Control Theory	6	3	25	75	100	4
19PMS4E5	ME V: Mathematical Methods	6	3	25	75	100	5
19PMS4P1	Core XVIII: Project	4+ 2(Lab)	----	40	160	200	8
TOTAL		30	----	140	460	600	25
GRAND TOTAL		120		530	1670	2200	90

ME-Major Elective NME- Non Major Elective


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SEMESTER III

20PMS311	Core XI: Topology	6	3	25	75	100	4
20PMS312	Core XII: Functional Analysis	6	3	25	75	100	4
20PMS313	Core XIII: Combinatorics	6	3	25	75	100	4
20PMS314	Core XIV: Graph Theory	6	3	25	75	100	4
20PMS3E3	ME III: Latex	4	3	25 (Converted to 10)	75 (Converted to 40)	50	3
20PMS3E4	ME Practical IV: Programming Lab in Latex	2	3	40 (Converted to 20)	60 (Converted to 30)	50	2
TOTAL		30		130	370	500	21

SEMESTER IV

20PMS415	Core XV: Fluid Dynamics	6	3	25	75	100	4
20PMS416	Core XVI: Operator Theory	6	3	25	75	100	4
20PMS417	Core XVII: Control Theory	6	3	25	75	100	4
20PMS4E5	ME V: Mathematical Methods	6	3	25	75	100	5
20PMS4P1	Core XVIII: Project	4+ 2(Lab)	----	40	160	200	8
TOTAL		30	----	140	460	600	25
GRAND TOTAL		120		530	1670	2200	90

ME-Major Elective NME- Non Major Elective


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SEMESTER III							
21PMS311	Core XI: Topology	6	3	50	50	100	4
21PMS312	Core XII: Functional Analysis	6	3	50	50	100	4
21PMS313	Core XIII: Combinatorics	6	3	50	50	100	4
21PMS314	Core XIV: Graph Theory	6	3	50	50	100	4
21PMS3E1/ 21PMS3E2	Major Elective III: Latex / Mathematical Modelling	4	3	25	25	50	3
21PMS3E3	Major Elective Practical IV: Programming Lab in Latex	2	3	25	25	50	2
21PMS3AL	Advanced Learner Course (Optional) : Algebraic Number Theory	-	-	50	50	100	4*
21PMS3CC	Certificate Course: Data Analytics with Python	-	-	-	-	-	2*
TOTAL		30	-	250	250	500	21
SEMESTER IV							
21PMS415	Core XV: Fluid Dynamics	6	3	50	50	100	4
21PMS416	Core XVI: Operator Theory	6	3	50	50	100	4
21PMS417	Core XVII: Algebraic Topology	6	3	50	50	100	4
21PMS4E1/ 21PMS4E2	Major Elective V: Mathematical Methods / Fuzzy Logic and Fuzzy sets	6	3	50	50	100	5
21PMS4P1	Core XVIII: Project	4+ 2(Lab)	----	100	100	200	8
TOTAL		30	---	300	300	600	25
GRAND TOTAL		120		1100	1100	2200	90

*Extra credits

CO-SCHOLASTIC COURSES	
ONLINE COURSES	
SWAYAM, MOOC Courses etc.	
CERTIFICATE COURSE(Optional)	
Data analytics with Python	Total duration hours: 30
VALUE ADDED COURSE(Mandatory)	
Internet of Things	Total duration hours:30
The scholastic courses are only counted for the final grading and ranking. However for the award of the degree, the completion of co-scholastic one online and one value added course are mandatory. All other co-scholastic courses are optional only.	


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