

Department of Physics, NGM College, Pollachi
M.Sc Physics
Curriculum and Scheme of Examination under CBCS (2017-2019)

Subject Code	Subjects	Ins. Hrs Per Week	Examinations				Credits
			Dur. Hrs	CIA	ESE	Total	
SEMESTER IV							
17 PPS 412	Core XII: Lasers & Non-linear optics	5	3	25	75	100	4
17 PPS 413	Core XIII: Nuclear & Particle Physics	5	3	25	75	100	4
17 PPS 4E3	Major Elective III:Microprocessor & Object Oriented Programming With C++	5	3	25	75	100	5
17 PPS 414	Core XIV: General Physics lab II	4	4	40	60	100	5
17 PPS 415	Core XV: Electronics lab II	4	4	40	60	100	5
17 PPS 416	Core XVI: Computer lab in C++	2	3	40	60	100	3
17 PPS 417	Core XVII:Project	3	-	40	160	200	8
						800	34
Total						2200	90



Dr. V. Sathyabama
HoD-Physics Department



Dr. P. M. Palanisamy
Principal

Department of Physics, NGM College, Pollachi
M.Sc Physics
Curriculum and Scheme of Examination under CBCS (2018-2020)

Subject Code	Subjects	Ins. Hrs Per Week	Examinations				Credits
			Dur. Hrs	CIA	ESE	Total	
SEMESTER IV							
18 PPS 412	Core XII: Lasers & Non-linear optics	5	3	25	75	100	4
18 PPS 413	Core XIII: Nuclear & Particle Physics	5	3	25	75	100	4
18 PPS 4E3	Major Elective III:Microprocessor & Object Oriented Programming With C++	5	3	25	75	100	5
18 PPS 414	Core XIV: General Physics lab II	4	4	40	60	100	5
18 PPS 415	Core XV: Electronics lab II	4	4	40	60	100	5
18 PPS 416	Core XVI: Computer lab in C++	2	3	40	60	100	3
18 PPS 417	Core XVII:Project	3	-	40	160	200	8
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Dr. T.E. Manjulavalli, M.Sc., M.Phil., Ph.D.,
Assistant Professor and Head
PG & Research Department of Physics
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Pollachi - 642 001, Tamil Nadu.


PRINCIPAL
N. G. M. COLLEGE, POLLACHI

Department of Physics, NGM College, Pollachi
M.Sc Physics
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Subject Code	Subjects	Ins. Hrs Per Week	Examinations				Credits
			Dur. Hrs	CIA	ESE	Total	
SEMESTER IV							
19 PPS 412	Core XII: Lasers & Non-linear optics	5	3	25	75	100	4
19 PPS 413	Core XIII: Nuclear & Particle Physics	5	3	25	75	100	4
19 PPS 4E3	Major Elective III:Microprocessor & Object Oriented	5	3	25	75	100	5
19 PPS 414	Core XIV: General Physics lab II	4	4	40	60	100	5
19 PPS 415	Core XV: Electronics lab II	4	4	40	60	100	5
19 PPS 416	Core XVI: Computer lab in C++	2	3	40	60	100	3
19 PPS 417	Core XVII:Project	3	-	40	160	200	8
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SEMESTER IV							
20 PPS 412	Core XII: Lasers & Non-linear optics	5	3	30	70	100	4
20 PPS 413	Core XIII: Nuclear & Particle Physics	5	3	30	70	100	4
20 PPS 4E3	Major Elective III:Microprocessor & Object Oriented Programming With C++	5	3	30	70	100	5
20 PPS 414	Core XIV: General Physics lab II	4	4	40	60	100	5
20 PPS 415	Core XV: Electronics lab II	4	4	40	60	100	5
20 PPS 416	Core XVI: Computer lab in C++	2	3	40	60	100	3
20 PPS 417	Core XVII:Project	3	-	40	160	200	8
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Subject Code	Subjects	Ins. Hrs Per Week	Examinations				Credits
			Dur. Hrs	CIA	ESE	Total	
SEMESTER IV							
21 PPS 411	Core XI: Lasers & Non-linear optics	5	3	50	50	100	4
21 PPS 412	Core XII: Nuclear & Particle Physics	5	3	50	50	100	4
21 PPS 4E7/ 21 PPS 4E8	Core Elective IV:Microprocessor & Object Oriented Programming With C++/ Introduction to Data Analytics	5	3	50	50	100	5
21 PPS 413	Core XIII: General Physics lab II	4	4	50	50	100	5
21 PPS 414	Core XIV: Electronics lab II	4	4	50	50	100	5
21 PPS 415	Core XV: Computer lab in C++	2	3	50	50	100	3
21 PPS 416	Core XVI:Project	3	-	100	100	200	8
						800	34
Total						2200	90

* Any one MOOC course is compulsory and to be completed at the end of 3rd semester

* Value added Programme - 21 VAD 301 Python Programming to be completed at the 3rd semester


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