

GOVERNMENT ARTS COLLEGE FOR MEN (AUTONOMOUS), NANDANAM, CHENNAI-35
M. Sc. PHYSICS (CBCS with soft skills) – SCHEME OF EXAMINATION
(For candidates joining the course from the academic year 2016-2017 onwards)

SEM	SUBCODE	COURSE	TITLE	Hrs/ Wk	MARKS			CR
					EXT.	INT.	TOTAL	
I	166201	CC1	MATHEMATICAL PHYSICS	5	75	25	100	4
I	166202	CC2	CLASSICAL MECHANICS AND RELATIVITY	5	75	25	100	4
I	166203	CC3	PRACTICAL-I (GENERAL AND ELECTRONICS)	8	60	40	100	4
I	166221	EC1	INTEGRATED ELECTRONICS AND MICROPROCESSOR 8085	5	75	25	100	3
I	166222	EC2	CRYSTAL GROWTH TECHNIQUES	5	75	25	100	3
I	165001	SS1	SOFT SKILL I	2	60	40	100	2
			TOTAL	30				20
II	166204	CC4	QUANTUM MECHANICS-I	5	75	25	100	4
II	166205	CC5	ELECTROMAGNETIC THEORY AND PLASMA PHYSICS	5	75	25	100	4
II	166206	CC6	CONDENSED MATTER PHYSICS AND SPECTROSCOPY	4	75	25	100	4
II	166207	CC7	PRACTICAL-II (GENERAL AND ELECTRONICS)	8	60	40	100	4
II	166223	EC3	MICROPROCESSOR 8086 AND MICROCONTROLLERS	3	75	25	100	3
II	166341	EDC1	MEDICINAL CHEMISTRY I (<i>Offered to I M.Sc Physics students by Chemistry Department</i>)	3	75	25	100	3
II	165002	SS2	SOFT SKILL II	2	60	40	100	2
			TOTAL	30				24
III	166208	CC8	QUANTUM MECHANICS-II	5	75	25	100	4
III	166209	CC9	STATISTICAL MECHANICS AND LOW TEMPERATURE PHYSICS	5	75	25	100	4
III	166210	CC10	MATERIAL SCIENCE AND NANO TECHNOLOGY	4	75	25	100	4
III	166211	CC11	PRACTICAL-III (GENERAL AND ELECTRONICS)	8	60	40	100	4
III	166224	EC4	INSTRUMENTATION TECHNIQUES	3	75	25	100	3
III	166342	EDC2	MEDICINAL CHEMISTRY II (<i>Offered to II M.Sc Physics students by Chemistry Department</i>)	3	75	25	100	3
III	166281	INTR	INTERNSHIP	-	-	-	-	2
III	165003	SS3	SOFT SKILL III	2	60	40	100	2
			TOTAL	30				26
IV	166212	CC12	NUCLEAR PHYSICS AND PARTICLE PHYSICS	5	75	25	100	4
IV	166213	CC13	COMPUTATIONAL METHODS AND C PROGRAMMING	5	75	25	100	4
IV	166214	CC14	PRACTICAL-IV (GENERAL AND ELECTRONICS)	8	60	40	100	4
IV	166215	CC15	PROJECT WITH VIVA VOCE	7	75	25	100	4
IV	166225	EC5	COMMUNICATION ELECTRONICS	3	75	25	100	3
IV	165004	SS4	SOFT SKILL IV	2	60	40	100	2
			TOTAL	30				21
			TOTAL (SEM I TO SEM IV)	-	-	-	2600	91