

JIWAJI UNIVERSITY, GWALIOR
CBCS Scheme of Examination
M.Sc. (Physics) Third Semester December 2016

Course Code	Course Name	Total Marks	Credit C(i)	End Semester Examination Marks			Internal Assessment Marks			Total Obtained Marks	Grade Points G(i)	Letter grade	SGPA S(3)= $\frac{\sum C(i).G(i)}{\sum C(i)}$
				Max	Min	Obtained	Max	Min	Obtained				
PT-301	Quantum Mechanics And Approximations	100	3	60	21		40	14					
PT-302	Atomic Physics And Molecular Spectroscopy	100	3	60	21		40	14					
PT-303 PT/304	Concept of programming Condensed matter Physics	100	3	60	21		40	14					
PT-305/ PT-306/ PT-307	Semiconductor Electronics or Materials Science – I or Computer Applications in Physics – I	100	3	60	21		40	14					
PL-308	General Laboratory	100	3	60	21		40	14					
PL-309 PL-310 PL-311	Electronics Lab/ Project or Material Science Lab/ Project or Computer Lab/ Project	100	3	60	21		40	14					
PS-312	Seminar	100	1	xx	xx	--	100	35					
PA-313	Assignment	100	1	xx	xx	--	100	35					
	Sub-total	800	20										
PV-314	Comprehensive viva-voce (Virtual Credit)	100	4	xx	xx	--	100	35				xx	
	Grand Total	900	24										

Sem. I		Sem. II		Sem. III		Sem. IV		CGPA= $\frac{\sum SC(i).S(i)}{\sum SC(i)}$	Result
SC(1)	S(1)	SC(2)	S(2)	SC(3)	S(3)	SC(4)	S(1)		
20		20		20		20			

PT= Physics Theory, PL=Physics Lab, PS=Physics Seminar, PA=Physics Assignment, PV=Physics Virtual, SC(j)= $\sum C(i)$, SGPA=S(j), j= jth Semester

SGPA = Semester Grade Point Average.

CGPA = Cumulative Grade Point Average

CGPA Scale	1 st Division With Dist. CGPA	1 st Division CGPA	2 nd Division CGPA	Pass division CGPA	Grace	Minimum valid credits required for promotion	No. of subjects	No. of subjects to appear
10.0	7.5 or above	6.0 or above	5.0 or above	3.5 or above	As per ordinance	12	9	9

NB :

A student has to acquire minimum 35% marks i.e. in end semester examination 21 out of 60 and in internal assessment 14 out of 40.

Comprehensive viva-voce (Virtual Credit) will not be added into grade point average.

Grades will be decided by the marks obtained out of 100.

The student will be promoted to the next semester after passing courses equivalent to 12 valid credits.

SGPA = Semester Grade Point Average. CGPA = Cumulative Grade Point Average

Description of grade letter and grade points:

Letter Grade	Grade Points	Description	Range of Marks (%)
O	10	Outstanding	90-100
A+	9	Excellent	80-89
A	8	Very good	70-79
B+	7	Good	60-69
B	6	Above Average	50-59
C	5	Average	40-49
P	4	Pass	35-39
F	0	Fail	0-34
Ab	0	Absent	Absent