

### ANNEXURE-III

#### SGPA and CGPA Calculations

<b>(a) SGPA and CGPA Calculations: An Illustrative Example for one academic year</b>								
Semester (Odd :I, Even: II)	Course Code	Credits	Grade	Grade Points (GP)	Credit Points (CrP)	SGPA, CGPA		
I	XX11	3	B	8	3x8=24	$SGPA = \frac{101}{20} = 5.05$		
I	XX12	3	Absent(F)	0	3x0=00			
I	XX13	3	A	9	3x9=27			
I	XX14	3	F	0	3x0=00			
I	XX15	3	D	6	3x6=18			
I	XX16	1	E	5	1x5=05			
I	XX17	1	A	9	1x9=09			
I	XX18	2	D	6	2x6=12			
I	XX19	1	D	6	1x6 = 06			
Total		20(14*)	Total		101			
(14*): Total credits of the semester excluding the credits of the courses under F grade. Considered for the calculation of CGPA of the two consecutive semesters under consideration.								
II	XX21	3	C	7	3x7=21	$SGPA = \frac{178}{26} = 6.85$		
II	XX22	3	B	8	3x8=24			
II	XX23	3	D	6	3x6=18			
II	XX24	3	E	5	3x5=15			
II	XX25	3	A	9	3x9=27			
II	XX26	1	F	0	1x0=00	$CGPA = \frac{(101 + 178)}{14 + 25} = \frac{279}{39} = 7.15$		
II	XX27	1	B	8	1x8=08			
II	XX28	2	A	9	2x9=18			
II	XX29	1	B	8	1x8=08			
<b>I semester</b>								
I	XX12	3	D	6	3x6=18			
I	XX14	3	C	7	3x7=21			
Total		26(25*)	Total		178			
(25*): Total credits of the semester excluding the credits of the courses under F grade. Considered for the calculation of CGPA of the two consecutive semesters under consideration.								
<b>(b) CGPA Calculation of the Program: An Illustrative Example</b>								
Semester	I	II	III	IV	V	VI	VII	VIII
Credits of the semester	20	20	20	20	20	20	24	16
SGPA	5.0	6.73	9.20	6.86	8.18	7.73	9.18	9.40
∑CrP	100	175	220	165	204	185	184	169
$CGPA = \frac{[100 + 175 + 220 + 165 + 204 + 185 + 184 + 169]}{160} = \frac{[1402]}{160} = 8.76$								
<b>For Lateral Entry Students</b>								
$CGPA = \frac{[220 + 165 + 204 + 185 + 184 + 169]}{120} = \frac{[1127]}{120} = 9.39$								