

Faculty Cadre Proportion

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $\frac{1}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per B2.1

F2: Number of Associate Professors required = $\frac{2}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per B2.1

F3: Number of Assistant Professors required = $\frac{6}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per B2.1

$$F1 = 1/9 * 9 = 1$$

$$F2 = 2/9 * 9 = 2$$

$$F3 = 6/9 * 9 = 6$$

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
2021-22	01	01	02	02	06	08
2020-21	01	01	02	00	06	10
2019-20	01	01	02	00	06	10
Average Numbers	RF1=1	AF1=1	RF2=2	AF2=0.66	RF3=6	AF3=9.33

Cadre Ratio Marks: $\{ AF1/RF1 + [(AF2/RF2) \times 0.6] + [(AF3/RF3) \times 0.4] \} \times 12.5$

$$= \{ 01/01 + [(0.66/2) \times 0.6] + [(9.33/06) \times 0.4] \} \times 12.5$$

$$= [1 + 0.198 + 0.62] \times 12.5$$

Cadre Ratio Marks= 22.72