

CRITERION 8 FIRST YEAR ACADEMICS

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8.1 First Year Student-Faculty Ratio (FYSFR) (5)

Details of student faculty ratio for first year is as shown in table 8.1

Table 8.1 Details of student- faculty ratio for first year

Year	Number of Students (Approved)	Number of Students (Intake)	Numbers of Faculty Members (Considering fractional load)	FYSFR	Assessment = $(5 \times 15) / \text{FYSFR}$ (Limited to Max. 5)
CAY (2023-24)	3060	2002	103	19.44	5
CAY (2022-23)	3120	2692	208	15	5
CAY (2021-22)	2940	2265	196	15	5
CAY (2020-21)	3540	2114	236	15	5
Average		2268.25	185.75	16.11	5

8.2 Qualification of Faculty Teaching First Year Common Courses (5)

Assessment of qualification = $(5x + 3y)/RF$

x= Number of Regular Faculty with Ph.D.

y = Number of Regular Faculty with Post-graduate qualification

RF= Number of faculty members required as per SFR of 20:1

Table 8.2 Qualification of Faculty Teaching First Year Common Course

Year	X	Y	RF	Assessment of Faculty qualification $(5x+3y)/RF$
CAY (2023-24)	71	32	103	4.38
CAY (2022-23)	89	119	156	5.14
CAY (2021-22)	77	119	147	5.05
CAY (2020-21)	75	161	177	4.85
Average	78	107.75	145.75	4.85

8.3 First Year Academic Performance

Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination) Successful students are those who are permitted to proceed to the second year.

Academic Performance	CAY (2022- 2023)	CAY (2021- 2022)	CAY (2020- 2021)	CAY (2019- 2020)
Mean of 1st Year Grade Point Average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in first year/10)) (X)	7.91	7.72	8.24	7.93
Total no. of successful students (Y)	106	90	60	81
Total no. of students appeared in the examination (Z)	120	90	66	81
API = X* (Y/Z)	6.99	7.72	7.49	7.93
Average API = (AP1 + AP2 + AP3+AP4)/4	7.53			