

1(a) Faculty-student ratio with emphasis on permanent faculty (FSR): 30 marks

Assessment will be based on the ratio of number of regular faculty members in the Institute and total sanctioned/approved intake considering all UG & PG Programs.

Regular appointment means faculty on full time basis with no time limit on their employment. However, faculty on contract basis for a period of not less than 3 years, on gross salary similar to those who are permanent can also be included.

Only faculty members with Ph.D or M.Tech qualifications should be counted here. Faculty members with a B.Tech (or equivalent qualification e.g., M.Sc) cannot be counted.

Visiting faculty (with a Ph.D) who are visiting the institution on a full time basis for at least one semester can be included in the count for that semester as explained below.

As per AICTE Guidelines, desirable ratio is 1:10 and minimum is 1:15. AICTE gives deficiency in case of ratio higher than 1:15.

The proposed assessment is based on variation in ratio from 1:10 to 1:20 with maximum to proportional marks respectively.

Assessment metric will be the same for Category A and Category B Institutions.

$$\text{FSR} = 30 \times [10 \times F/N]$$

Here N: Total number of students studying in the institution considering all UG and PG Programs, excluding the Ph.D program.

F₁: Full time regular faculty of all UG and PG Programs in the previous year.

F₂: Eminent teachers/faculty (with Ph.D) visiting the institution for at least a semester on a full time basis can be counted (with a count of 0.5 for each such visiting faculty for a semester) in the previous year.

$$F = F_1 + 0.3F_2$$

Expected ratio is 1:10 to score maximum marks.

For $F/N < 1: 50$, FSR will be set to zero.

Data Collection: From the concerned Institutions in prescribed format on an on-line facility. As mentioned in the pre-amble, an institution will be eligible for ranking if all relevant, and up-dated data about the faculty members (in the previous three years) is available on a publicly visible website. The data will be archived and also duplicated by the ranking agency.

Data Verification: By the Ranking Agency on a Random Sample Basis.