INDIA RANKINGS 2019

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Methodology for Ranking of Academic Institutions in India

(RANKING METRICS FOR MANAGEMENT)

Ministry of Human Resource Development
# Summary of Ranking Parameters and Weightages- 2019

(Management)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Parameter</th>
<th>Marks</th>
<th>Weightage</th>
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<tbody>
<tr>
<td>1</td>
<td>Teaching, Learning &amp; Resources</td>
<td>100</td>
<td>0.30</td>
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<td>2</td>
<td>Research and Professional Practice</td>
<td>100</td>
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<td>3</td>
<td>Graduation Outcomes</td>
<td>100</td>
<td>0.20</td>
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<td>4</td>
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<td>B. Faculty-student ratio with emphasis on permanent faculty (FSR): 30 marks</td>
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<td>D. Financial Resources and their Utilisation (FRU): 30 marks</td>
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</table>
1. **Teaching, Learning & Resources (TLR): 100 marks**

   - Ranking weight: 0.30
   - Overall Assessment Metric:
     \[\text{TLR} = SS (20) + FSR (30) + FQE (20) + FRU (30)\]
   - Component metrics based on:
     
     A. Student Strength including Ph.D. Students: SS
     B. Faculty-Student Ratio with emphasis on permanent faculty: FSR
     C. Combined metric for Faculty with PhD (or equivalent) and Experience: FQE
     D. Financial Resources and Their Utilisation: FRU
A. Student Strength including Ph.D. students (SS): 20 Marks

- \( SS = f(N_T, N_E) \times 15 + f(N_p) \times 5 \)

- The functions \( f(N_T, N_E) \) and \( f(N_p) \) are functions to be determined by NIRF.
- \( N_T \): Total sanctioned approved intake in the institution considering all UG and PG programs of the institution.
- \( N_E \): Total number of students enrolled in the institution considering all UG and PG Programs of the institution.
- \( N_p \): Total number of students enrolled for the doctoral program till previous academic year.

- *Primary Data: To be provided in a prescribed Format.*
B. Faculty-Student Ratio with emphasis on permanent faculty (FSR): 30 marks

- \( FSR = 30 \times [15 \times (F/N)] \)
- \( N = N_T + N_p \)
- F: Full time regular faculty in the institution in the previous year.
- Regular appointment means Faculty on Full time basis. Faculty on contract basis/ad-hoc basis will be considered if the concerned faculty has taught in both the semesters of academic year 2017-18.
- Faculty members with Ph.D. and MBA/PGDM will be considered and counted here. Faculty member with a Bachelor’s degree will not be counted.
- Expected ratio is 1:15 to score maximum marks.
- For \( F/N < 1:50 \), FSR will be set to zero.

- Primary Data: Faculty List to be provided in the Prescribed Format.
C. Combined Metric for Faculty with PhD (or equivalent) and Experience (FQE): 20 marks

- \( FQ = 10 \times \left( \frac{F_{RA}}{95} \right) , \quad F_{RA} < 95\%; \)
- \( FQ = 10 , \quad F_{RA} \geq 95\%. \)

- Here \( F_{RA} \) is the percentage of Faculty with Ph.D. (or equivalent qualification) with respect to the total no. of faculty required or actual faculty whichever is higher, in the previous year.

F1=Fraction with Experience up to 8 years;

F2= Fraction with Experience between 8+ to 15 years;

F3=Fraction with Experience > 15 years.

- \( FE = 3 \min(3F1, 1) + 3 \min(3F2, 1) + 4 \min(3F3, 1) \)

Rationale: Full marks for a ratio of 1:1:1

- \( FQE = FQ + FE \)

- Primary Data: Faculty List in the Prescribed Format.
D: Financial Resources and their Utilisation (FRU): 30 Marks

- \( \text{FRU} = 7.5 \times f(\text{BC}) + 22.5 \times f(\text{BO}) \)

- BC: Average Annual Capital Expenditure per student for previous three years pertaining to management discipline only. *(Excluding expenditure on construction of new buildings)*

- BO: Average Annual Operational(or Recurring) Expenditure per student for previous three years pertaining to management discipline only. *(Excluding maintenance of hostels and allied services)*

- *Primary Data: Figures in prescribed format for each.*
2. Research and Professional Practice (RP): 100 marks

• Ranking weight: 0.30

• Overall Assessment Metric:

\[ \text{RP} = \text{PU} (40) + \text{QP}(40) + \text{FPPP}(20) \]

• The component metrics explained on following pages.

A. Combined Metric for Publications: PU
B. Combined Metric for Quality of Publications: QP
C. Footprint of Projects, Professional Practice and Executive Development Programs: FPPP
A. Combined metric for Publications (PU): 40 marks

- \( \text{PU} = 40 \times f(P/F_{RQ}) \)
- \( P \) is weighted number of publications as ascertained from suitable third party sources.
- \( F_{RQ} \) is the maximum of nominal number of faculty members as calculated on the basis of a required FSR of 1:15 or the available faculty in the institution.

- Sources: Third Party Sources.
B. Combined metric for Quality of Publications (QP): 40 Marks

- \[ QP = 20 \times f(\text{CC/P}) + 20 \times f(\text{TOP25P/P}) \]

- Here CC is Total Citation Count over previous three years.
- P is as computed for PU.
- TOP25P: Number of citations in top 25 percentile averaged over the previous three years.

- *Primary Data: Third Party Sources.*
C. Footprint of Projects, Professional Practice and Executive Development Programs (FPPP): 20 marks

- \[ \text{FPPP} = \text{FPR} + \text{FPC} + \text{EDP} \]

- \[ \text{FPR} = 5 \times f(\text{RF}) \]
  
  - RF is average annual research funding earnings (amount actually received in rupees) per faculty at institute level for the previous three years.

- \[ \text{FPC} = 5 \times f(\text{CF}) \]
  
  - CF is average annual consultancy amount (amount actually received in rupees) per faculty at institute level for the previous three years.

- \[ \text{EDP} = 10 \times f(\text{EP}) \]
  
  - EP = Average annual earnings per faculty from Full Time Executive Development Programs of a minimum duration of one year over previous three years.

- *Primary Data: To be provided by the institution in prescribed format.*
3. Graduation Outcome (GO): 100 marks

- Ranking weight: 0.20
- Overall Assessment Metric:
  - \( \text{GO} = \text{GPH}(40) + \text{GUE}(20) + \text{GMS}(40) \)
- The component metrics are explained on the following pages:
  A. Combined metric for Placement and Higher Studies: GPH
  B. Metric for University Examinations: GUE
  C. Median Salary: GMS
A. Combined Metric for Placement and Higher Studies (GPH): 40 marks

- GPH = 40 × (N_p/100 + N_hs/100)

- N_p = Percentage of graduating students (in PG programs) placed in the previous three years.
- N_hs = Percentage of graduating students (in PG programs) who have been selected for higher studies, in the previous three years.

- *Primary Data for N_p: To be provided in prescribed format*
B. Metric for University Examinations (GUE): 20 Marks

- GUE = 20 × min [(N_g/80), 1]

- N_g is the percentage of Students (as a fraction of the approved intake), averaged over the previous three years, passing the respective university examinations in stipulated time for the program in which enrolled.

- Primary Data: To be provided in a prescribed format.
C. Median Salary(GMS): 40 Marks

- \( GMS = 40 \times f(MS) \)

- \( MS \) = median salary of graduates (in PG programs) in the previous three years from an institution.

- *Primary Data: To be made provided in a prescribed format*
4. Outreach and Inclusivity (OI): 100 marks

- Ranking weight: 0.10
- Overall Assessment Metric: \( OI = RD(30) + WD(30) + ESCS(20) + PCS(20) \)
- The component metrics are explained on following pages:
  
  A. Percentage of Students from other States (Region Diversity): RD
  B. Percentage of Women (Women Diversity): WD
  C. Economically and Socially Challenged Students: ESCS
  D. Facilities for Physically Challenged Students: PCS
A. Percentage of Students from Other States (Region Diversity RD): 30 marks

- RD = 30 × fraction of total students enrolled from other states

- Primary Data: To be provided in the prescribed format.
B. Percentage of Women (Women Diversity WD): 30 marks

- \[ WD = 15 \times (N_{WS}/50) + 15 \times (N_{WF}/20) \]

- \( N_{WS} \) are the percentage of Women students.

- \( N_{WF} \) are the percentage of Women Faculty including the women members in senior administrative positions, such as Heads of Departments, Deans or Institute Heads.

- Expectation: 50% women students and 20% women faculty.

- *Primary Data: To be provided in a prescribed format.*
C. Economically and Socially Challenged Students (ESCS): 20 marks

- \[ \text{ESCS} = 20 \times f(N_{esc}) \]

- \( N_{esc} \) is the percentage of PG students being provided full tuition fee reimbursement by the institution to pursue their degree programs.

- *Primary Data: To be provided by the institution in a prescribed format.*
D. Facilities for Physically Challenged Students (PCS): 20 marks

- PCS = 20 marks, if the Institute provides full facilities for physically challenged students, as outlined.

  Else, in proportion to facilities.

- Basis: Verifiable Responses to Questions.

- Primary Data: To be provided in a prescribed format.
5. Perception (PR) – 100 marks

- Ranking weight: 0.1
- Overall Assessment Metric: PR = 100
- Component metrics are explained in the following pages:
  A. Peer Perception: Employers & Academic Peers (PR): 100 marks
A. Peer Perception: Employers & Academic Peer (PR) : 100 marks

• This is to be done through a survey conducted over a large category of Employers, Professionals from Reputed Organizations and a large category of academics to ascertain their preference for graduates of different institutions.

• Comprehensive list will be prepared taking into account various sectors, regions, etc.

• Lists to be updated periodically.