INDIA RANKINGS

INDIA RANKINGS 2025

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Methodology for Ranking of Academic Institutions in India

(RANKING METRICS FOR INNOVATION RANKINGS)

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Summary of Ranking Parameters and Weightages- 2025

(Innovation Ranking)

Sr. No.	Parameter	Marks	Weightage
1	Financial Support for Innovation (FSI)	100	0.25
2	Innovation Achievements (IA)	100	0.15
3	Research and Innovation Output (RIO)	100	0.30
4	Pre-Incubation and Incubation (PII)	100	0.10
5	Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs (AIE)	100	0.10
6	Perception (PR)	100	0.10

Draft Innovation

S. No.	Parameters	Marks
1.	**Financial Support for Innovation (FSI)** **Ranking weight: 0.25**	**100**
	A. Metrics for Ventures / Startups recognized by DPIIT/Startup India (SU):20 marks B. Metrics for Ventures/ Startups received VC Investment (VCI): 20 marks C. Metric for Seed Funding received from Government Organizations (SF): 20 marks D. Metrics for FDI investment in Ventures/ Startups (FDII): 20 marks E. Metric for Innovation Grant received from Government Organizations (IG): 20 marks	
2.	**Innovation Achievements (IA)** **Ranking weight: 0.15**	**100**
	A. Combined Metrics for Innovations at various stages of Technology Readiness Level (ITRL): 40 Marks B. Combined Metrics for Ventures/Startups with a turnover of 50 lacs (NVS): 40 Marks C. Alumni Founders of Forbes/Fortune 500 companies (AFF): 20 marks	
3.	**Research and Innovation Output in SCI (RIO)** **Ranking weight: 0.30**	**100**
	A. Combined metric for Publications in SCI (PU): 25 marks B. Combined metrics for Quality of Publication in SCI (CI): 25 marks C. IPR & Patents: Published & Granted (IPR):40 marks D. Patent Commercialization & Technology Transfer: 10 marks	
4.	**Pre-Incubation and Incubation (PII)** **Ranking weight: 0.10**	**100**
	A. Combined Metric for Pre-Incubation (PI) 30 marks B. Combined Metric for Incubation (IIE): 30 marks C. Combined Metric for FDP in Innovation: 20 marks D. Combined Metric for Credit Courses in Innovation offered by the HEI: 20 marks	
5.	**Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs (AIE)** **Ranking weight:0.10**	**100**
	A. Registered in the NISP portal for I&E Policy Adoption (NISP): 20 Marks B. Annual performance of Institution's Innovation Councils (IICs): 30 Marks C. Participation in KAPILA Portal (KAPILA): 20 Marks D. Participation in Smart India Hackathon (SIH): 30 Marks	
6.	**Perception (PR)** **Ranking weight: 0.10**	**100**
	A. Peer Perception: Academic Peers and Employers (PR): 100 marks	

1. Financial Support for Innovation (FSI): 100 Marks

- **Ranking weight: 0.25**
- **Overall Assessment Metric:**

FSI = SU (20) +VCI (20) + SF (20) + FDII (20) + IG (20)

- **The component metrics are explained on the following pages.**

A. Metric for Ventures / Startups recognized by DPIIT/Startup India (SU)
B. Metric for Ventures/ Startups received VC Investment (VCI)
C. Metric for Seed Funding received from Government Organizations (SF)
D. Metric for FDI investment in Ventures/ Startups (FDII)
E. Metric for Innovation Grant received from Government Organizations (IG)

A. Metric for Ventures / Startups recognized by DPIIT/Startup India (SU): 20 Marks

- **SU = 20 × f (N_{vsp})**
- N_{vsp}*:* Number of ventures/startups recognized by DPIIT/Startup India in the previous three years.

B. Metric for Ventures/ Startups received VC Investment (VCI): 20 Marks

- **VCI = 20 × f (VC/Nsu)**
- VC: Average VC investment received by the startup of the institute in the previous three years.
- N_{su}: No of startups that have received VC investment.

C. Metric for Seed Funding received from Government Organizations (SF): 20 Marks

- **SF = 20 × f (SF/Nsuf)**
- SF: Average Seed Funding by the institute in the previous three years.
- N_{suf}: No of startups that have received Seed Funding.

D. Metric for FDI investment in Ventures/ Startups (FDII): 20 Marks

- **FDII = 20 × f (FDI/N_{suf})**
- FDI: Average Foreign Direct Investment received by the startups of the institute in the previous three years.
- N_{suf}: No of startups that have received FDI.

E. Metric for Innovation Grant received from Government Organizations (IG): 20 Marks

- **IG = F × 30 f(IGR)**
- IGR: Average innovation grant received by the institutions from the government organization in the previous three years.

2. Innovation Achievements (IA): 100 Marks

- **Ranking weight: 0.15**
- **Overall Assessment Metric:**

  IA = ITRL (40) + NVS (40) + AFF (20)

- **The component metrics are explained on the following pages.**
  - **A. Combined Metrics for Innovations at various stages of Technology Readiness Level: ITRL**
  - **B. Combined Metrics for Ventures/Startups with a turnover of 50 lacs: NVS**
  - **C. Alumni Founders of Forbes/Fortune 500 companies: AFF**

A. Combined Metrics for Innovations at various stages of Technology Readiness Level (ITRL): 40 Marks

- **ITRL = 40 × f (NTRL)**
- NTRL = No. of innovations at various technology readiness levels in the previous three years.

B. Combined Metrics for Ventures/Startups with a turnover of 50 lacs: 40 Marks (NVS)

- **NVS = 40 × f (VS50/VS)**
- VS50: No of ventures/startups grown to a turnover of 50 lacs in the previous three years.
- VS: Total no of ventures/startups started in the previous three years.

C. Alumni Founders of Forbes/Fortune 500 companies: (AFF): 20 Marks

- **AFF = 20 × f (AF500)**
- AF500 = No of alumni who are founders of Forbes/Fortune 500 companies.

3. Research and Innovation Output in SCI (RIO): 100 Marks

- **Ranking weight: 0.30**
- **Overall Assessment Metric:**

RIO = PU (25) + CI (25) + IPR (40) + PCTT (10)

- **The component metrics are explained on the following pages.**
  A. Combined metric for Publications in SCI: PU
  B. Combined metrics for Quality of Publication in SCI: CI
  C. IPR & Patents: Published & Granted: IPR
  D. Patent Commercialization & Technology Transfer: PCTT

A. Combined metric for Publications in SCI (PU): 25 marks

PU = 25 × f(P/FRQ)

• ***P*** *is the weighted number of publications as ascertained from suitable third-party sources.*

• ***FRQ*** *is the maximum of the nominal number of faculty members as calculated based on a required FSR of 1:15 or the available faculty in the institution.*

• **Sources: Third-party sources.**

B. Combined metrics for Quality of Publication in SCI (CI): 25 marks

CI = 25 × f(CC/FRQ)

• *Here, CC is the Total Citation Count over the previous three years.*

• *FRQ is the same as in PU.*

• **Sources: Third-party sources.**

C. IPR & Patents: Published & Granted (IPR): 40 marks

- **IPR = IPG + IPP**
- **IPP = 15 × f (PP)**

  PP: No. of patents published over the previous three years.
- **IPG = 25 × f (PG)**

  PG is the number of patents granted over the previous three years.

  Sources: Third Party Sources.

D. Patent Commercialization & Technology Transfer (PCTT): 10 marks

PCTT = 10 × f(CTT)

CTT: Patent Commercialized and Technology Transferred in the previous three years.

4. Pre-Incubation and Incubation (PII): 100 marks

- **Ranking weight: 0.10**
- **Overall Assessment Metric:**

  PII = PI (30) + IIE (30) + FDP (20) + CCI (20)

- **Component metrics based on:**
  A. **Combined Metric for Pre-incubation: PI**
  B. **Combined Metric for Incubation: IIE**
  C. **Combined Metric for FDP in Innovation: FDP**
  D. **Combined Metric for Credit Courses in Innovation offered by the HEI: CCI**

A. Combined Metric for Pre-incubation: (PI): 30 Marks

- **PI= 30 × f (PIE/N_{Part})**

- The functions f (PIE//N_{Part}) are functions to be determined by NIRF.
- *PIE:* Average expenditure for pre-incubation activities in the previous three years.
- $N_{Part:}$ No. of Participations in Pre-incubation Activities

B. Combined Metric for Incubation (IIE): 30 marks

- **IIE = 15 × f (IE) + 15 × f(II)**
- The functions f (IE) & f (II) are functions to be determined by NIRF.
- *IE:* Average expenditure on incubation activities in the previous three years.
- *II:* Average income from incubation activities in the previous three years.

C. Combined Metric for FDP in Innovation (CFDP): 20 marks

- **CFDP = 20 × f (FDP)**
- *FDP:* Faculty Development Programs in Innovation, Entrepreneurship, and IPR in the previous three years.

D. Combined Metric for Credit Courses in Innovation offered by the HEI (CCCI): 20 marks

- **CCCI = 20 × f (CCI)**
- *CCI:* Credit Courses offered in Innovation in the previous three years.

5. Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs (AIE): 100 Marks

- **Ranking weight: 0.10**
- **Overall Assessment Metric:**

AIE = NISP (20) + IICs (30) + KAPILA (20) + SIH (30)

- **The component metrics are explained on the following pages.**
  - **A. Registered in the NISP portal for I&E Policy Adoption (NISP)**
  - **B. Annual performance of Institution's Innovation Councils (IICs)**
  - **C. Participation in KAPILA Portal (KAPILA)**
  - **D. Participation in Smart India Hackathon (SIH)**

A. Registered in the NISP portal for I&E Policy Adoption (NISP): 20 Marks

NISP = Institution is registered with the portal for I&E policy.

B. Annual performance of Institution's Innovation Councils (IICs): 30 Marks

IICs = Annual performance of the Institution's Innovation Councils

C. Participation in KAPILA Portal (KAPILA): 20 Marks

KAPILA = Institution’s participation in KAPILA Portal

D. Participation in Smart India Hackathon (SIH): 30 Marks

SIH = Institution participating in Smart India Hackathon

6. Perception (PR) – 100 marks

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

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.
- A comprehensive list will be prepared considering various sectors, regions, etc.
- Lists to be updated periodically.