ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

2020

India has already been improving on global stage in terms of Innovation ranking from 86th place, 5 years ago, to 52nd in 2019. For India to emerge as a global innovation hub, the youth of our country, especially in higher education institutions (HEIs) need to play a crucial role to create a sustainable innovation ecosystem. Hence, ideally all HEIs should have a comprehensive and functional mechanism to convert research into innovations. This ecosystem will encourage, inspire and nurture young students by exposing them to new ideas and processes resulting in innovative activities in their formative years.

To ensure that Innovation is primary fulcrum of all HEIs, in the year 2018, Ministry of Human Resource Development (MHRD), Govt. of India has introduced 'Atal Ranking of Institutions on Innovation Achievements (ARIIA)' to systematically rank education institutions and universities primarily on innovation related indicators. ARIIA considers all major indicators which are commonly used globally to rank most innovative education institutions/ universities in the world.

Objectives:

- Setting direction for HEIs towards streamlining and establishing a strong startup ecosystem in campus and region.
- Measuring Innovation & Startup ecosystem based on Input, Process, Output and Outcome based parameters.
- Focusing on both quantity and more on quality aspects of Startup Eco-System available at Institute.
- Also measure the impact created by these innovations and Startups from Higher Educational Institutions (HEIs) in society and market.
- Aiming at uplifting India's Position in the Global Innovation Index from 52th to top 30 in a time period of 5 Years.

ARIIA ranking will certainly inspire Indian institutions to reorient their mind-set and build ecosystems to encourage high quality research, innovation and entrepreneurship. Moreover, ARIIA will set tone and direction for institutions for future development for making them globally competitive and in forefront of innovation.

ARIIA will primarily focus on 6 main parameters

Indicators	Weightages
Programs and Activities on IPR, Innovation, Start-up and Entrepreneurship	07.5
Pre Incubation & Incubation Infrastructure & Facilities to Support I&E	07.5
Annual Budget Spent on Promoting and Supporting I&E Activities	13
Courses on Innovation, IPR and Entrepreneurship Development	05
Intellectual Property (IP), Technology Transfer and Commercialization	32
Successful Innovation and Start-ups & Funding Innovation & start-ups	35
Total	100

"Golden Quadrilateral project connecting North-South-East-West and all weather roads for unconnected villages is aninnovation in infrastructure development." ~ Atal Bihari Vajpayee
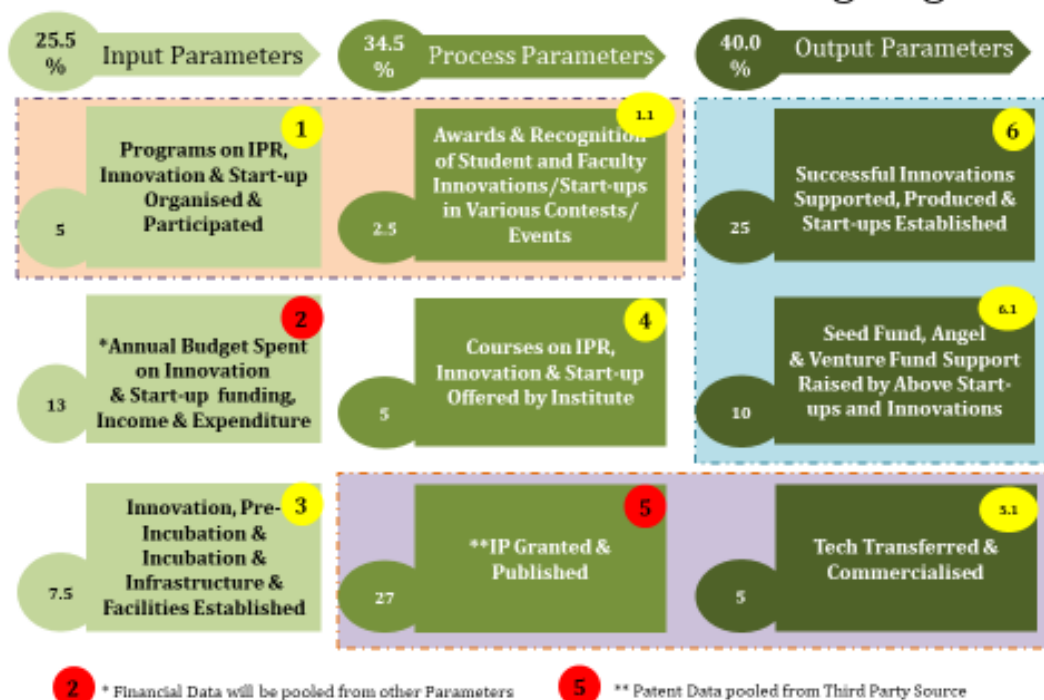
ARIIA 2020 Parameters

I.   **Parameter 1:** Programs and Activities on IPR, Innovation, Start-up and Entrepreneurship Organised

    i. **Part-1:** Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation (Data required for Financial Year - 2018-19)

    ii. **Part-2:** Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level (Data required for Financial Year -2018-19)

II.   **Parameter 2:** Annual Budget Spent on Innovation & Start-up funding, Income & Expenditure towards Promoting and Supporting Innovation & Start-up in Campus (Financial fields are integrated with other Parameters such as 1, 3, 5.1, 6, 6.1).

III.   **Parameter 3 & 6:** Pre Incubation & Incubation Infrastructure; Successful Innovation and Start-ups; and Funding, Expenses and Income from Innovation & start-ups during the financial year 2018-19.

    i. **Part -1:** Innovation, Pre-Incubation & Incubation Centre/Facilities and Services.

        a. *Part 1(a): Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus*

        b. *Part 1(b): Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus*

        c. *Part 1(c): Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities*

        d. *Part 1(d): Start-ups have received Grant / funding from Pre-Incubation/Incubation Centre/Facilities*

    ii. **Part -2:** Co-Incubation Partnership

IV.   **Parameter 4:** Courses on Innovation, IPR and Entrepreneurship Development Offered by Institute during the Academic Period 2018-19.

V.   **Parameter 5:** IP Granted and Published; Tech Transfer and Commercialised

    i. **Part -1:** Patent Granted and Published (Obtained from Third Party Source)

    ii. **Part-2:** Technology Commercialization / Transfer

"Purposeful innovation results from analysis, systematic review, and hard work; it can be taught, replicated and learned."
~Peter Drucker

Parameter Wise Data Sections & Weightages

25.5% Input Parameters	34.5% Process Parameters	40.0% Output Parameters
1 Programs on IPR, Innovation & Start-up Organised & Participated — 5	**1.1** Awards & Recognition of Student and Faculty Innovations/Start-ups in Various Contests/Events — 2.5	**6** Successful Innovations Supported, Produced & Start-ups Established — 25
2 *Annual Budget Spent on Innovation & Start-up funding, Income & Expenditure — 13	**4** Courses on IPR, Innovation & Start-up Offered by Institute — 5	**6.1** Seed Fund, Angel & Venture Fund Support Raised by Above Start-ups and Innovations — 10
3 Innovation, Pre-Incubation & Incubation & Infrastructure & Facilities Established — 7.5	**5** **IP Granted & Published — 27	**5.1** Tech Transferred & Commercialised — 5

2 * Financial Data will be pooled from other Parameters

5 ** Patent Data pooled from Third Party Source

- Rank Categorization – Two Broad Categories

A. Publicly Funded Institutions	**B. Privately/Self-Financed Institutions**
Possible Sub Categories: i. Institute of National Importance & Central Universities/CFTs ii. State University & Deemed Universities (Govt. & Govt. Aided) iii. Govt. Colleges/Institutes	Possible Sub Categories: i. University & Deemed University (Private) ii. Pvt. Colleges/Institutes

ARIIA 2019 at Glance

- Total 815 nos of HEIs Participated
- Result Announced on 8th April 2019
- Top 15 HEIs Received Award for ARIIA 2019

Category-I: Government or Public Funded Institutions

Top 10 Institutions Name	Rank
Indian Institute of Technology Madras	1
Indian Institute of Technology Bombay	2
Indian Institute of Technology Delhi	3
Indian Institute of Science, Bengaluru	4
Indian Institute of Technology Kharagpur	5
Institute of Chemical Technology, Mumbai	6
Indian Institute of Technology Kanpur	7
Indian Institute of Technology Roorkee	8
Panjab University, Chandigarh	9
Indian Institute of Technology Hyderabad	10

Category-II: Private or Self-financing Institutions

Top Five Institutions Name	Rank
Vellore Institute of Technology, Vellore	1
Kalinga Institute of Industrial Technology University, Bhubaneswar	2
S.R.M. Institute of Science and Technology, Chennai	3
JSS Academy of Higher Education & Research, Mysuru	4
Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai	5

Group Photo: Hon'ble President of India with ARIIA 2019 Awardee Institutions and ARIIA Core Team

MIC

"India need it's own Innovation Ranking at par with International, ARIIA will ensure that Innovation is the Epicentre of Indian Higher Education"

~ Dr. Ramesh Pokhriyal, 'Nishank'
Minister for HRD, Govt. of India

Registration & Pre-Qualifier: 16th July – 31st August 2019

ARIIA Data Submission: 11th Sept. – 15th October 2019

Review, Evaluation & Verification: Nov 2019 – Jan 2020

Announcement of ARIIA Ranks: Aug 2020

ARIIA

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