KPMG

National Institutional Ranking Framework (NIRF) 2023

Category-specific ranking analysis

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Guidance notes for readers

This is a preliminary report based on National Institutional Ranking Framework (NIRF) Ranking 2023 released by Ministry of Education (MoE) on 5 June 2023.

The report is prepared only based on available data and while information obtained from the public domain has not been verified for authenticity, we have obtained information, as far as possible, from sources generally considered to be reliable such as National Institutional Ranking Framework (NIRF), data submitted by institutions to NIRF, Ministry of Education (MoE), All India Survey on Higher Education (AISHE) and University Grants Commission (UGC) websites.

The findings presented in the report are KPMG in India's analysis of published information across these secondary sources. Our analysis is based on the prevailing market conditions and regulatory environment and any change may impact the outcome of our review.

In preparing this report, KPMG in India:

- Has only tried to source, investigate, and verify the information, on a best-effort basis, within the limitations of time, veracity of primary sources and to the extent possible
- Has (where specified) undertaken certain analytical activities on the underlying data to arrive at the information presented and we assume no responsibility for the accuracy and completeness of the underlying data or Information and will not be held liable for it under any circumstances
- Has neither conducted an audit, due diligence, nor validated the reports released as part of National Institutional Ranking Framework (NIRF)
- Wherever information was not available in the public domain, suitable assumptions were made to extrapolate values for the same.

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Foreword- KPMG in India

Institutional rankings have increasingly become the yardstick for quality and performance of educational institutions across the globe. Since its introduction in 2016, the National Institutional Ranking Framework (NIRF) has seen a widespread adoption by Indian Higher Education (HE) institutions and acceptance by various stakeholders. Parents and prospective students consider rankings while choosing an institution to pursue higher education. Employers look at institute rankings for recruitment and consultation. For Faculty, increasingly, rank of the institution is a key criterion to decide on their career. For the regulator, rankings have become a key parameter for assessment - to decide on concessions, research grants, recently providing eligibility for offering online programs etc. Other ecosystem players such as banks, service providers, foreign institutions etc., also place significant importance on rankings. Overall, NIRF has become an essential part of Indian Higher Education institutions.

The 8th edition of the National Institutional Ranking Framework (NIRF) was released on 5 June 2023. Since its introduction in 2016, NIRF has grown rapidly in terms of ranking categories as well as participating institutes. Agriculture & Allied sectors and Innovation category rankings are the latest addition (introduced in 2023) and have seen participation from institutions across the country. In 2023, 'Architecture' category has been renamed as 'Architecture & Planning' and the scope of architecture rankings has also been expanded to include institutions imparting education in urban as well as town-planning. A total of 13 category rankings were released under NIRF 2023.

The ranking methodology and metrics continue to be the same as the previous year. For the newly introduced Agriculture & Allied sector rankings, a fresh ranking framework was developed, and for Innovation category also a new methodology was developed by Atal Ranking Institutions of India (ARIA), Innovation cell of the Ministry of Education. The methodology for the research category is tailor made for the category with significant focus on research parameters and outputs.

A total of 5543 unique institutions have participated in NIRF 2023, almost a 15 per cent rise from NIRF 2022 (4780). This year too, Tamil Nadu, Delhi, Karnataka, Maharashtra emerge as states with the maximum number of top ranked institutions across ranking categories.

This paper captures the key highlights of NIRF 2023 across categories. Across each category, the paper captures the top performers, rank versus score distribution, geographic distribution, new entrants, institutes with maximum improvement and drop in ranks compared to previous year and overall parameter and sub parameter trends across categories.

We, at KPMG in India, thank everyone who has helped us in bringing out this paper. We hope that stakeholders working in the higher education sector find this report useful to understand the NIRF rankings better, thereby enabling them to structure their efforts for ranking improvements more effectively.

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List of abbreviations used

ESCS	Economically and Socially Challenged Students
FPPP	Footprint of Projects and Professional Practice
FQE	Combined metric for Faculty with PhD (or equivalent) and Experience
FSR	Faculty-student ratio with emphasis on permanent faculty
GO	Graduation Outcomes
GPHD	Metric for Number of Ph.D. Students Graduated
GUE	Metric for University Examinations
IoE	Institutions of Eminence
IPR	IPR and Patents: Published and Granted
MoE	Ministry of Education
NAAC	National Assessment and Accreditation Council
NBA	National Board of Accreditation
NIRF	National Institutional Ranking Framework
OE	Online Education: Online Completion of Syllabus & Exams and Swayam
OI	Outreach and Inclusivity
PERC	Perception
QP	Combined metric for Quality of Publications
RD	Region Diversity
RPC	Research and Professional Practice
SS	Student Strength including Doctoral Students
TLR	Teaching and Learning Resources
WD	Women Diversity

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Key highlights of NIRF 2023

NIRF Ranking 2023 – Key Highlights

The National Institutional Ranking Framework (NIRF) was launched in 2016 for assessing the performance of higher education institutes in India and the eighth edition was released on 5 June 2023.

Increasing popularity of NIRF: The 2023 edition saw 8,686 applications for ranking from 5,543 unique institutions, which is an increase of about 20 per cent applications and 15 per cent institutions from previous year. The Y-o-Y growth in the number of institutions and applications highlight the increasing awareness and acceptance of NIRF ranking among the different stakeholders in higher education. The eighth edition of NIRF ranking also saw addition of two new categories: Agriculture and Allied, and Innovation taking the total number of categories to 12 (excluding overall category) and the scope of Architecture category was expanded to include programmes and faculty pertaining to Planning.

Higher competitive levels and quality improvement of institutions: The eighth edition of NIRF rankings has been more competitive than the previous edition with a marked increase in the average scores of all ranked institutions across all the categories. While the parameters/ sub-parameters for ranking and methodology of ranking have, largely, remained the same, this marked increase in the average score indicates an improvement in the quality of higher education institutions in the country.

This upward movement of average scores along with a Y-o-Y increase in overall participation in rankings indicate the need for institutions to

- Adopt national and global best practices to improve institutional outcomes
- Build capabilities and capacities for continuous improvement
- Invest in long-term institutional planning
- Align institutional priorities with changing regulatory conditions
- Create an enabling environment for implementation of outcome focused initiatives

Category	Average Score of ranked institutions	
	2023	2022
University	51.45	49.75
Engineering	54.05	52.39*
Management	54.26	52.93
Medical	59.86	56.95
Dental	58.05	58.05
Pharmacy	51.37	49.10
Architecture	59.79	57.91
College	58.60	58.35
Research	55.60	53.17
Law	57.57	57.34

*Average score of top 100 institutions in 2022 rankings

Primary drivers of performance: Some categories that have seen a marked improvement in average scores are University (1.70), Engineering (1.66), Medical (2.91), Pharmacy (2.27), and Architecture and Planning (1.88). The general trend observed is that the improvement in average scores across these categories has been primarily driven by increased focus of institutions on research outcomes. Maximum

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improvement is seen in RPC scores for all these categories except Medical (TLR has shown maximum improvement)

Category	Parameter wise difference in average scores between 2023 and 2022				
	TLR	RPC	GO	OI	Perc
University	1.77	**3.13**	0.72	1.03	-0.25
Engineering	0.91	**3.35**	1.16	1.94	-0.47
Medical	**5.79**	2.47	1.90	0.34	3.03
Pharmacy	1.95	**4.20**	1.04	1.55	0.65
Architecture	1.70	**5.93**	0.87	1.97	-3.56

While the increased focus on research has been a result of various initiatives at the Central, State, and Institutional levels, the higher weightage given to research in NIRF methodology (across most categories) can also be seen as one of the drivers that has pushed institutions towards focusing and investing more on achieving better research outcomes.

In addition, there has been an all-round performance improvement (except in perception across some categories) in 2023 rankings highlighting that the top institutions in the country are undertaking initiatives across all areas to be continuously ranked and to stay relevant.

Dominance of INIs and universities in ranking: With respect to the type of institutions dominating NIRF 2023 rankings (considering only unique ranks across categories), share of affiliated colleges has dropped from 22 per cent in 2022 to 13 per cent in 2023 whereas share of state public universities has increased from 14 per cent in 2022 to 19 per cent in 2023. These could be, primarily, attributed to the following:

- Unique ranks in engineering category brought down from 200 to 100 – Dominance of affiliated colleges (31 per cent of all ranked institutions in 2022) in this category reduced to just nearly seven per cent in 2023
- The new category Agriculture and Allied is dominated by State Public universities (>70per cent)
- While affiliated colleges are seen to perform on par/ better than universities in TLR and GO parameters, they fall behind the universities by a significant margin in research (given the teaching focus of colleges). The research focus (in terms of resources and investment) of affiliated colleges is low by design. However, as part of rankings, across categories, they are required to compete with INIs and universities that have higher research capabilities and focus. This is seen to impact the overall ranking of affiliated colleges across the different categories as research is given a higher weightage (across most of the categories).

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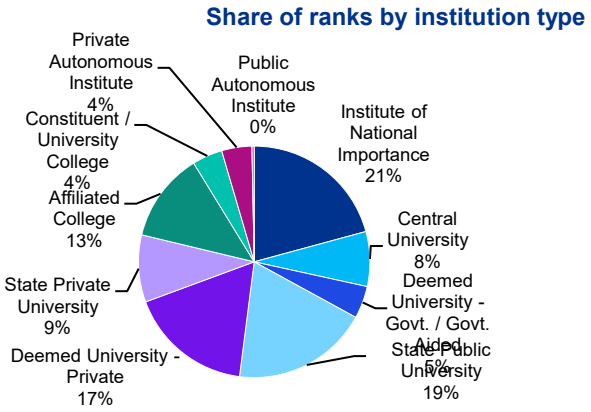


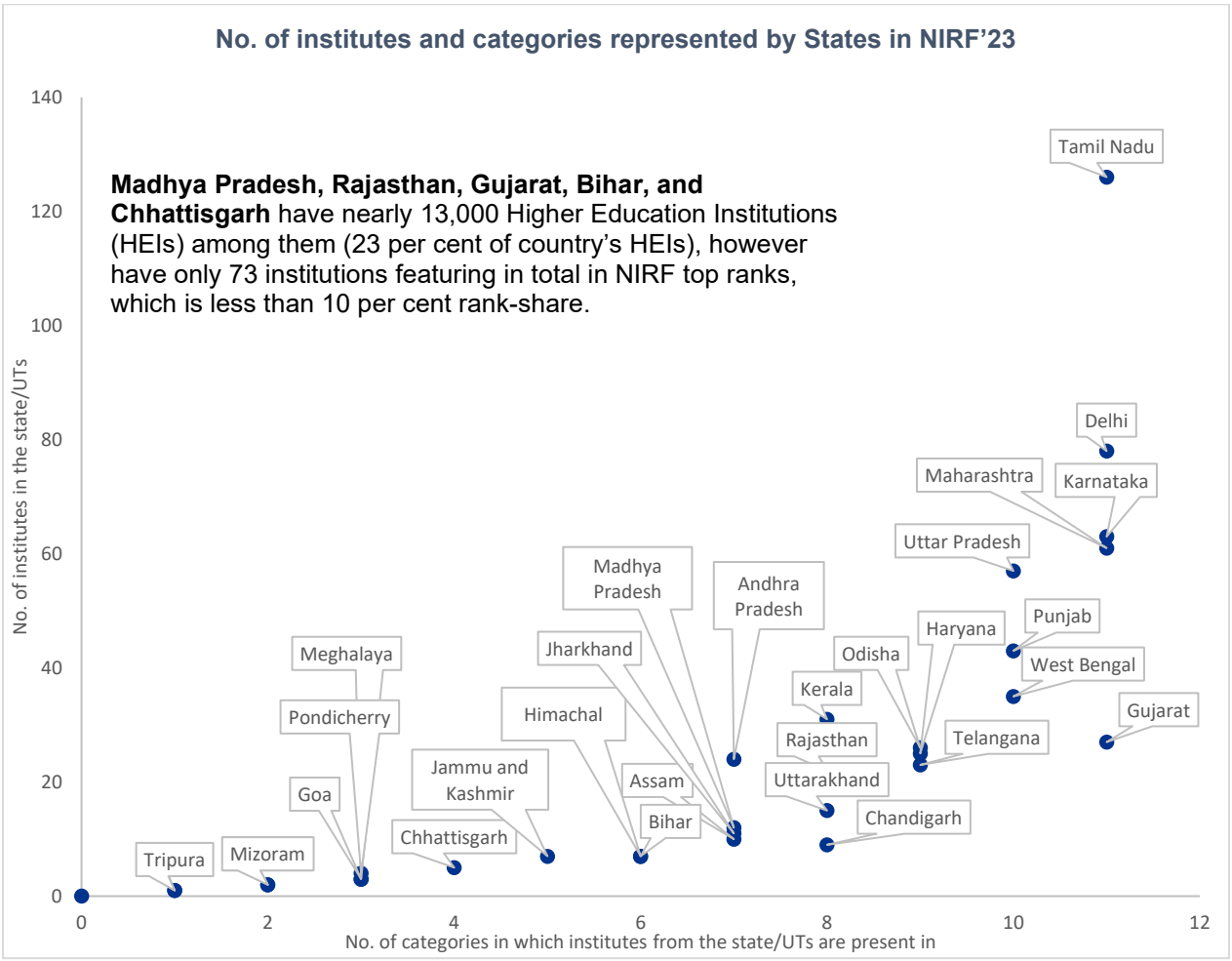
N= 640 (Univ- 100, Research- 50, Engg.- 100, Pharmacy- 100, Mgmt.- 100, Medical- 50, Dental- 40, Law- 30, Arch- 30, Agri- 30

Out of all the ranked institutes,

- Institutions of national importance and State Public Universities with 21 per cent and 19 per cent each, take the largest share in rankings
- Private deemed universities and affiliated colleges come third and fourth respectively
- Categories seeing institutes of national importance domination: engineering (49), management (31) and research (22) *
- Categories seeing State Public universities' domination: University (39) and Agriculture (29) *

**Absolute numbers in brackets*

State-wise representation in 2023 rankings: Tamil Nadu, Delhi, Karnataka, Maharashtra, and Uttar Pradesh take the lion's share of the rankings in 2023



The graph does not include the states Arunachal Pradesh, and Nagaland and five union territories (Andaman and Nicobar Islands, Dadra and Nagar Haveli, Daman and Diu, Ladakh and Lakshadweep) that do not have representation in NIRF ranking.

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Key Observations

52% of the top ranked NIRF institutes are in four states and one union territory of India viz. Tamil Nadu, Karnataka, Maharashtra, Delhi, and Uttar Pradesh

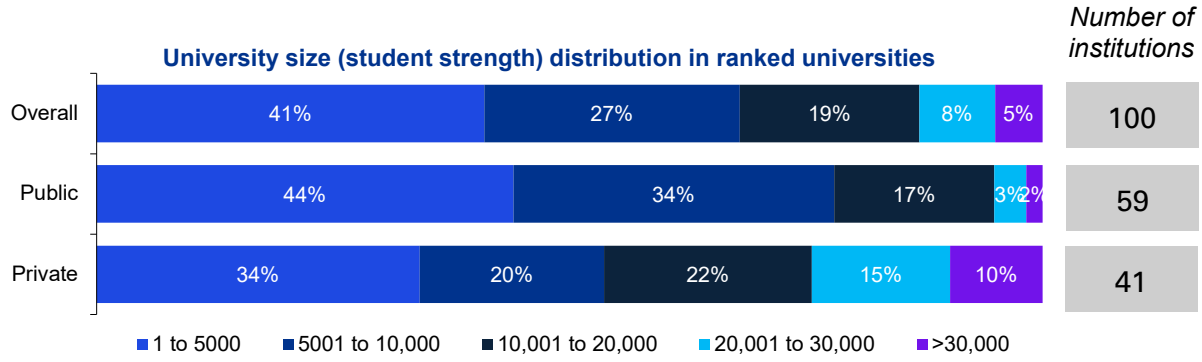
5 Maharashtra, Karnataka, Delhi, Tamil Nadu, and Gujarat have representation across all the categories

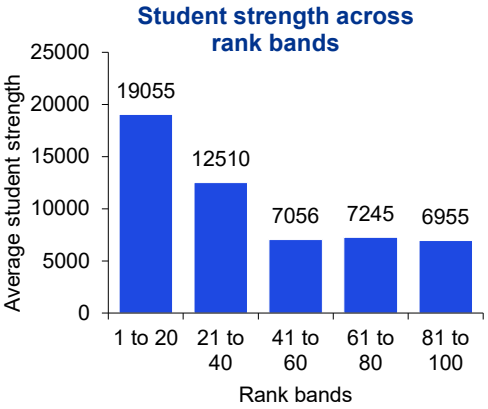
12 states and UTs have less than 10 institutes combined across 11 categories

5 states and UTs have seen an improvement in their representation among the ranked institutions viz. Delhi, Uttar Pradesh, Punjab, Gujarat, and Odisha

Across the report, 'top ranked' implies number of institutions that have been assigned a rank in that category, i.e., university- 100, engineering- 100, management- 100, colleges- 100, research institutions- 50, pharmacy- 100, medical- 50, dental- 40, law- 30 architecture- 30, and agriculture- 40

Dominance by size of institution: Among the top universities, universities with student strength more than 5,000 dominate, particularly in the private space





32 of the top 100 universities have 10,000+ student strength. This proportion increases to **70 per cent** when the **top 20** universities are considered

47 private universities in top 100 have 10,000+ student strength. Among top 50, this share increases to **60 per cent**

13 public universities in top 100 have >10,000 student strength

Parameter-wise performance in public vis-à-vis private universities: Among the top universities, public institutions outperform the private institutions in Research and Graduation Outcomes in NIRF 2023

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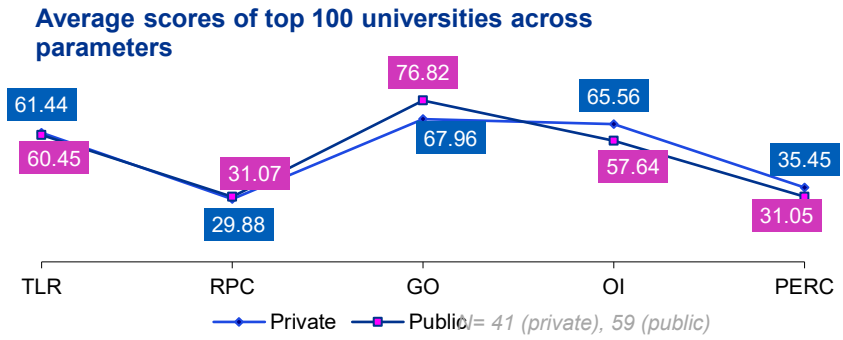

TLR- *Teaching Learning Resources*

RPC- *Research and Professional Practice*

GO- *Graduation Outcomes*

OI- *Outreach and Inclusivity*

PERC- *Perception*

Comparison with the previous year:

- **The average scores of private universities have improved across all parameters** indicating increasing competition among the top private universities. RPC parameter has seen the biggest improvement (24.71 in 2022 to 29.88 in 2023) indicating a strong focus among private universities to improve research outcomes
- Public universities, while still ahead of private universities this year, have seen a drop in average scores across GO and PERC parameters compared to NIRF 2022 results.

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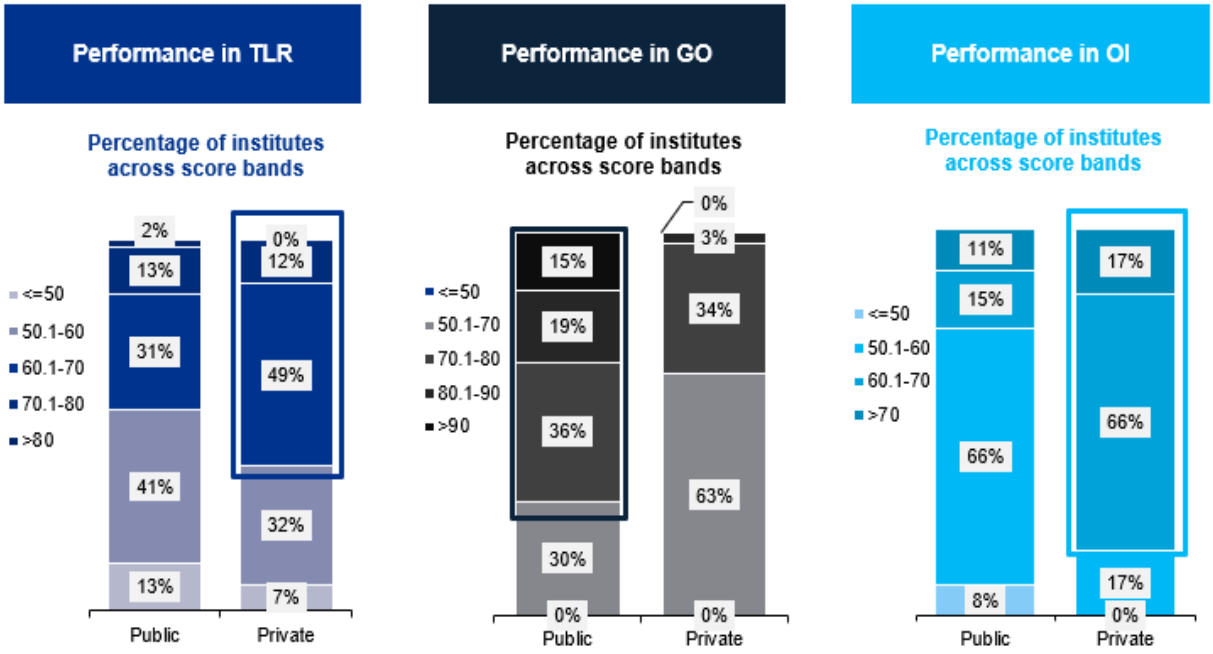
Split of institutions across various score bands- a comparison of public and private universities



N= 41 (private), 59 (public)

54%	**Public universities** score **<=60**	35%	**Public universities** score **>80**	26%	**Public universities** score **>60**
61%	**Public universities** score **>60**	3%	**Private universities** score **>80**	83%	**Private universities** score **>60**

Differences noted in RPC and perception parameters as well:

- **Public universities perform marginally better in RPC:** 29 per cent of private universities scored lower than 20 in RPC compared to 26 per cent of public universities
- **Private universities perform marginally better in perception:** 73 per cent of private universities scored greater than 30 in perception compared to 55 per cent of public universities.

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NIRF 2023 – Category-specific ranking analysis

Overview of NIRF – 2023 rankings

The National Institutional Ranking Framework (NIRF) is an initiative of the Ministry of Education (MoE) to rank higher education institutions across India. In addition to other quality assessment efforts by the Government of India, such as National Assessment and Accreditation Council (NAAC- for colleges and universities) and the National Board of Accreditation (NBA) for technical and professional institutions, the NIRF is a framework, introduced in 2016, to objectively compare institutions on parameters such as teaching performance, research output, diversity, graduation outcome and reputation. The 8th edition of the NIRF rankings was released on 5 June 2023.

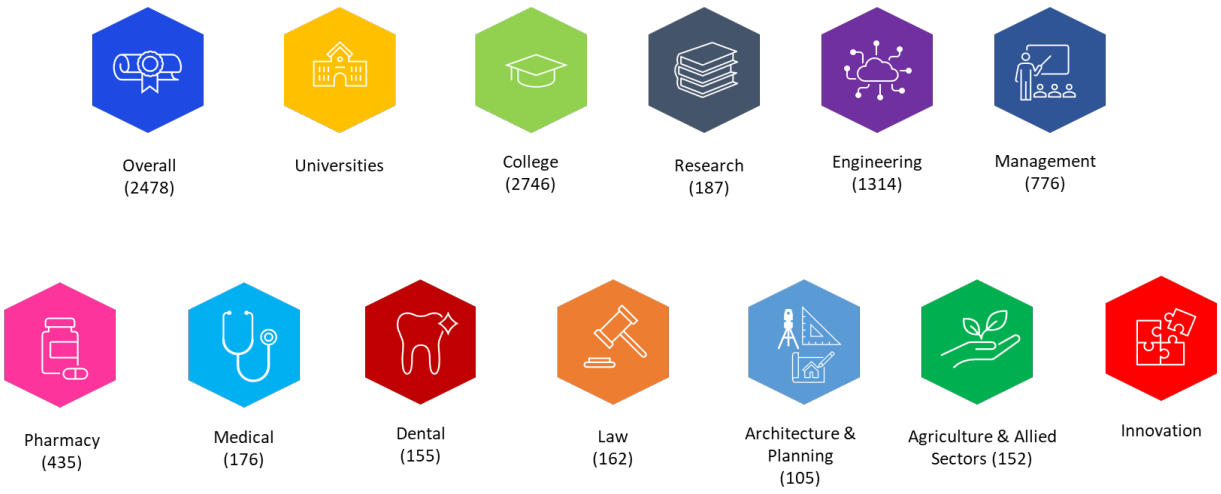
The NIRF aims to identify and recognise top performing institutions, promote competitiveness among institutions and assist prospective students in their decision-making process when selecting institutions.

Categories of rankings:

NIRF releases overall rankings for universities and colleges as well as domain-specific rankings in different disciplines to provide a common view of comparable institutions. There are, in total, 13 categories of rankings under NIRF- 2023 with two new categories – Agriculture & Allied Sectors and Innovation -- introduced this year. The ranking methodology for these distinct categories is tailored to suit the nuances of individual discipline.

The number of participating institutes has been increasing since the launch of NIRF in 2016 across all categories, showing the growing popularity and preference to participate in NIRF rankings. In 2023, the total number of participating institutes[1] (5543) was ~15 per cent higher than participating institutes in 2022 (4780).

Across categories, the number of participating institutes has been shown below.



Note – Numbers include only participating institutes not CFTIs/CFUs

[1] Only unique participating institutes are included.

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Scoring and ranking:

The NIRF ranking is arrived based on an overall score which comprises the parameters which have been organised into five broad heads as mentioned below (for all categories except research institutions). The final score is calculated basis the weightage of the following parameters and the institutions are ranked within their category.

- Teaching, Learning and Resources (TLR)
- Research and Professional Practice (RPC)
- Graduation Outcomes (GO)
- Outreach and Inclusivity (OI)
- Perception.

For the research institutions category, the following parameters are considered for ranking:

1. Metric for quantitative research
2. Metric for quantitative research
3. Metric for students and faculty contribution
4. Outreach and inclusivity
5. Perception.

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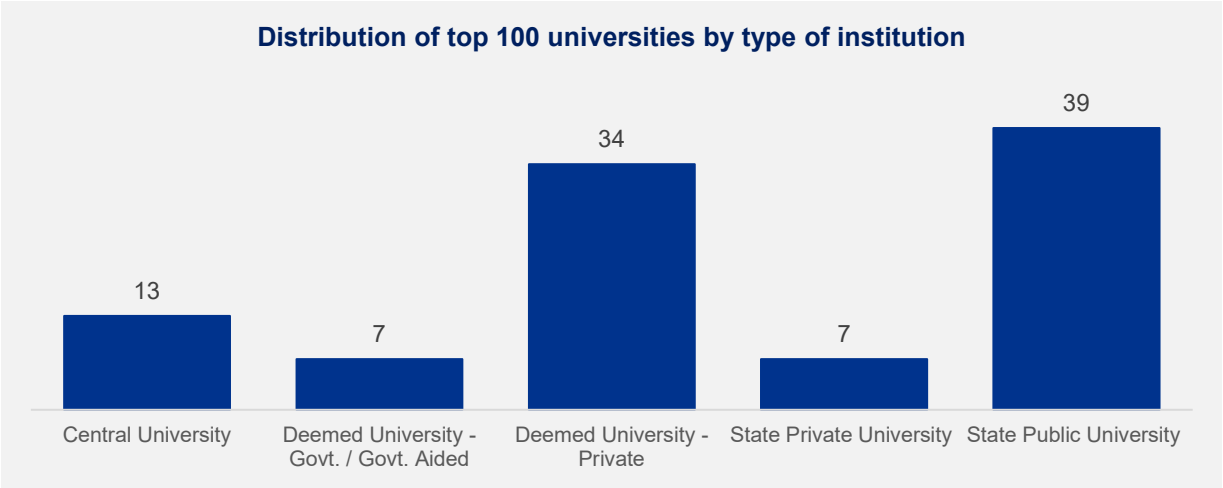
Highlights of NIRF 2023 – University category

- The university category ranks participating state-public, state-private, central, and deemed-to-be universities across the nation across the five parameters. This year's top three ranked private institutions and public institutions are:

Public Institutions	Rank		Private institutions	Rank
Indian Institute of Science	1		Manipal Academy of Higher Education	6
Jawaharlal Nehru University	2		Amrita Vishwa Vidyapeetham	7
Jamia Millia Islamia, New Delhi	3		Vellore Institute of Technology	8

The top three public institutions continue to hold their fort at the top of the rankings. Manipal Academy of Higher Education, Amrita Vishwa Vidyapeetham and Vellore Institute of Technology continue to be the top ranked private universities, albeit unlike last year, Manipal Academy of Higher education has surpassed Amrita Vishwa Vidyapeetham to become the top private university at rank six.

- **State public universities dominate the rankings:** The top 100 university rankings are dominated by state public universities (39) followed by private deemed to be universities (34).
    - Out of the total 51 central universities[2] in the country, 14 feature in the NIRF top 100
    - The overall split of public and private universities is 59:41 in NIRF top 100 universities.



[2] KPMG in India's analysis of All India Survey on Higher Education (AISHE)

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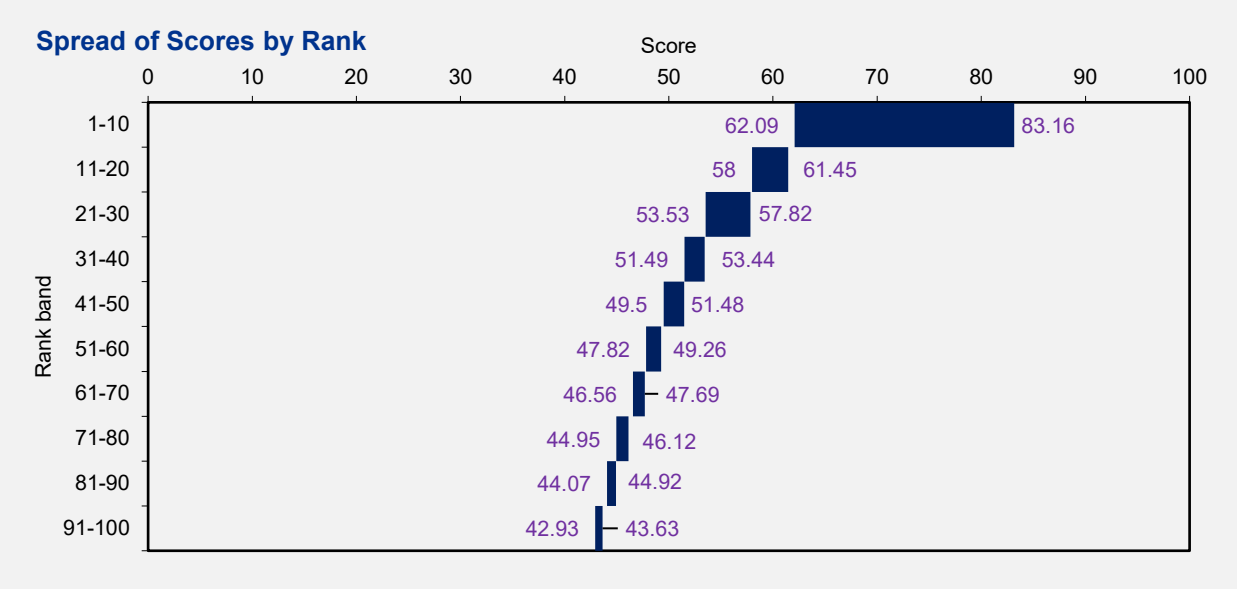
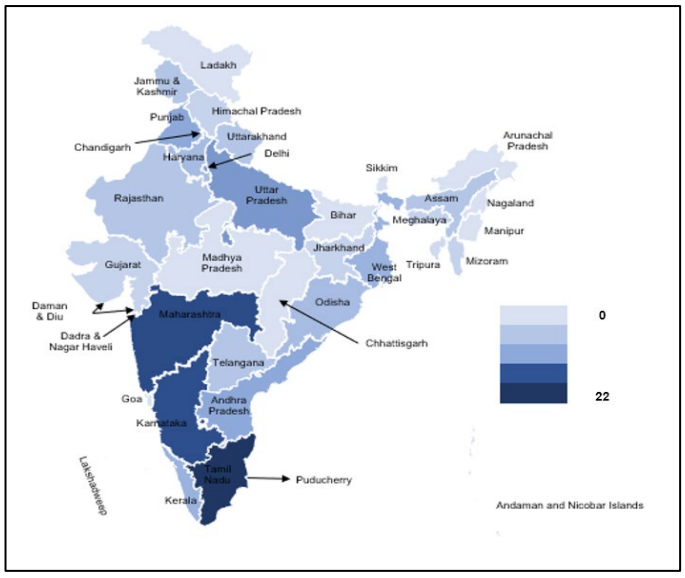
Variation in scores by rank band: The difference in scores for the ranks one and two is 14.24 points, whereas the average difference is only 0.85 points in the between rest of the universities from rank one to 10 highlighting the clear lead enjoyed by university ranked first over the others. For universities in the rank band 11–100, a small shift in score would result in a large shift of their ranking due to small deviations in scores in these rank bands



The number of ranked institutions in Tamil Nadu (22) is more than double in any other state (21 universities in 2022). Maharashtra and Karnataka emerge as states with 10 universities, each.

Interestingly both private and public universities (including both state and centrally funded public) universities in Tamil Nadu have made equal contribution (11 each) in the state emerging as an outlier on overall university rankings. This highlights the state's overall dominance in terms of quality of education offered across all types of universities. A similar trend is seen in Maharashtra and Karnataka as well; however up north in Delhi and UP, almost all universities that made it to the top 100 are public universities.

State-wise distribution of top 100 ranked universities



Map indicative only

State	Universities in Top 100 NIRF	
	2023	2022
Tamil Nadu	22	21
Karnataka	10	12
Maharashtra	10	13
Delhi	7	6
Uttar Pradesh	7	6
Punjab	6	5
Andhra Pradesh	4	5
Haryana	4	3
Kerala	4	4
West Bengal	4	4
Odisha	3	3
Telangana	3	2
Uttarakhand	3	2
Assam	2	2
Jammu and Kashmir	2	2
Rajasthan	2	2
Others	7	8

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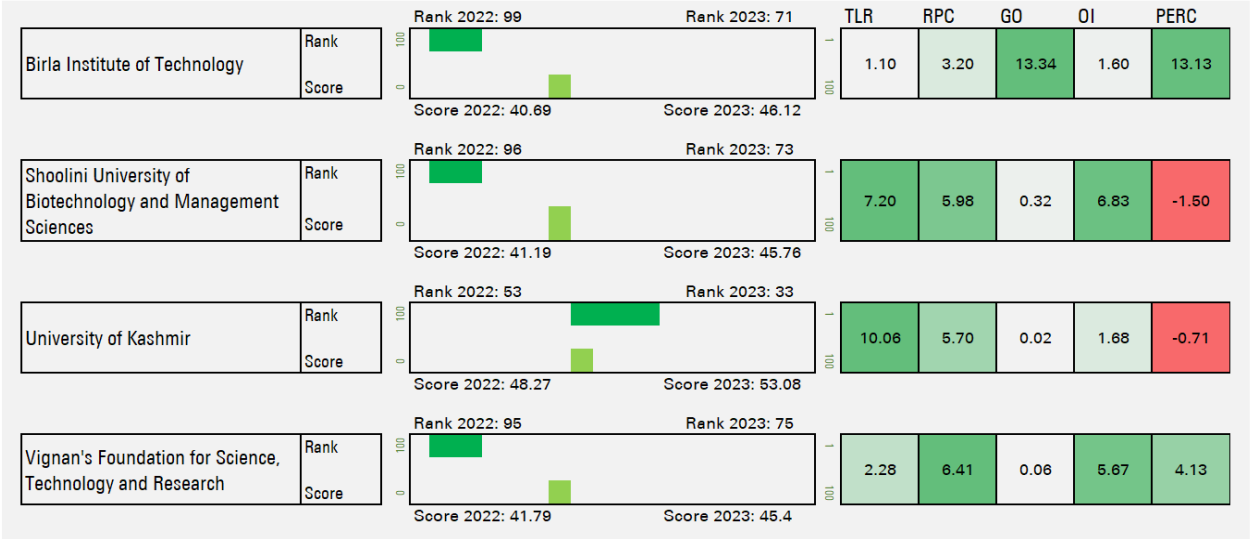
There are nine new entrants into top 100: Four of the nine new entrants have participated for the first time whereas the others have made significant jumps from beyond the rank 100 in 2022 into top 100 in 2023.

Name	Type	City	2023 rank	2022 rank
Punjab Agricultural University, Ludhiana	State Public University	Ludhiana	54	Not Participated
Tamil Nadu Agricultural University	State Public University	Coimbatore	72	Not Ranked
G.B. Pant University of Agriculture & Technology	State Public University	Pant Nagar	79	Not Participated
International Institute of Information Technology Hyderabad	Institute of National Importance	Hyderabad	84	101 - 150
Sharda University	State Private University	Greater Noida	87	101 - 150
University of Agricultural Sciences, Bangalore	State Public University	Bengaluru	90	Not Participated
Amity University Haryana, Gurgaon	State Private University	Gurugram	94	101 - 150
Netaji Subhas University of Technology (NSUT)	State Public University	Southwest	95	101 - 150
Chaudhary Charan Singh Haryana Agricultural University	State Public University	Hisar	99	Not Participated

A total of 42 universities have shown an improvement in rankings: The top four climbers within the top 100 have been depicted below. Birla Institute of Technology made the highest jump of 28 positions from 2022 driven by the significant improvement in GO and Perception parameters. The second highest improvement was Shoolini University of Biotechnology and Management Sciences which made a jump by 23 positions.



Note: The values for the parameters are the differences between the scores in 2023 and 2022

40 universities have dropped in rankings this year. The universities which have dropped maximum number of ranks from 2022 are shown below along with their change in parameter scores. It is important to note that majority of these universities have retained almost the same score as the previous year yet

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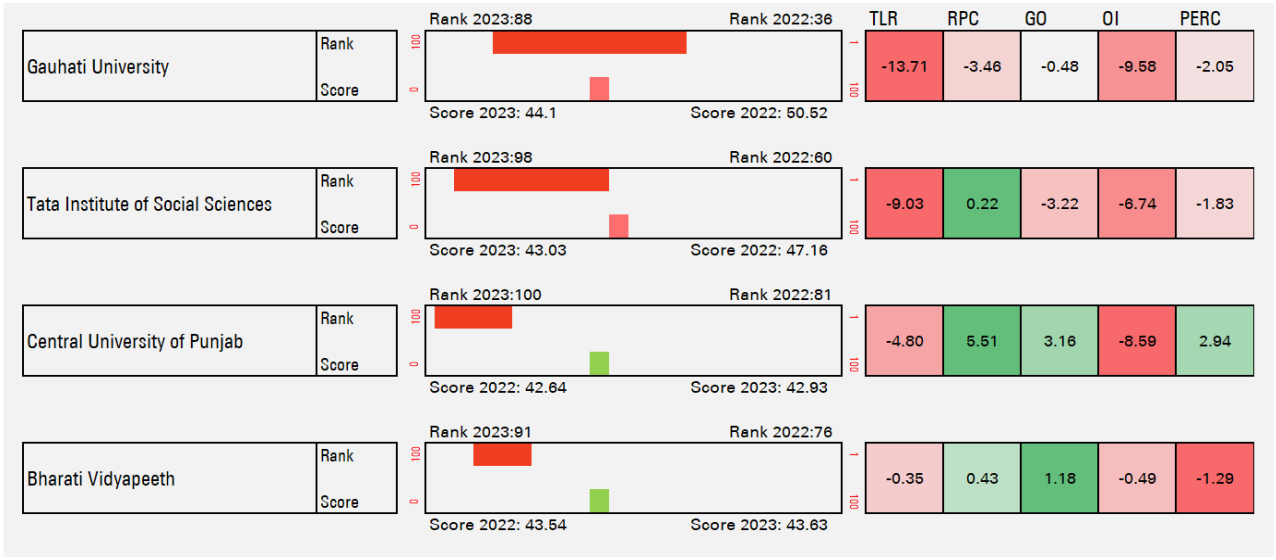
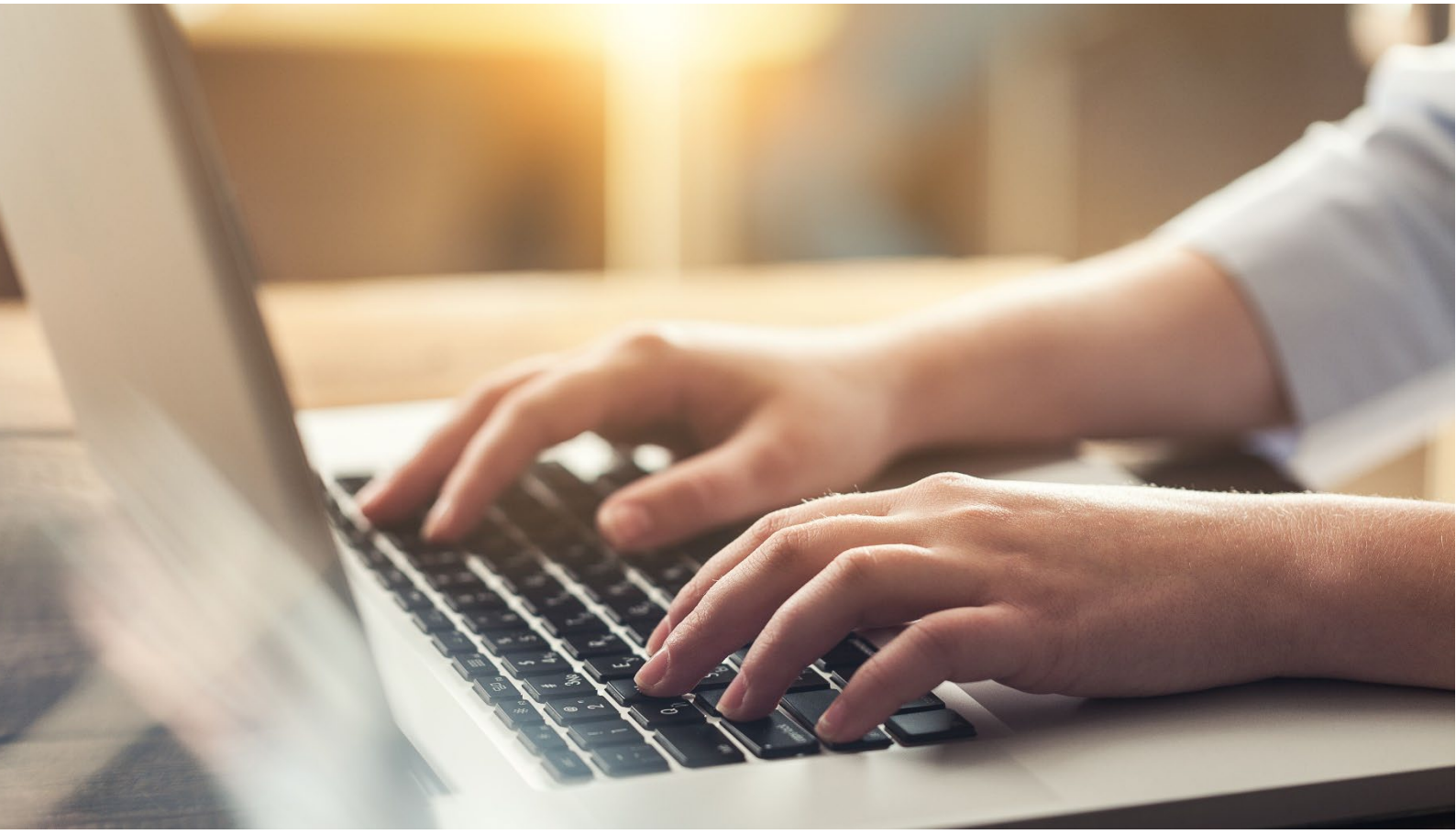
experienced a significant drop in ranking. One of the key reasons for their decline is the corresponding rank band in which these universities fall, where a minimal score change can result in larger drop in ranks. Also, there are an increased number of universities scoring marginally higher and thereby getting better ranks. So, these universities, despite maintaining similar scores have suffered a drop in rankings. This points to an increasing competition between the universities, wherein a stagnation or marginal decline in score can result in a significant shift in ranks.



Note: The values for the parameters are the differences between the scores in 2023 and 2022



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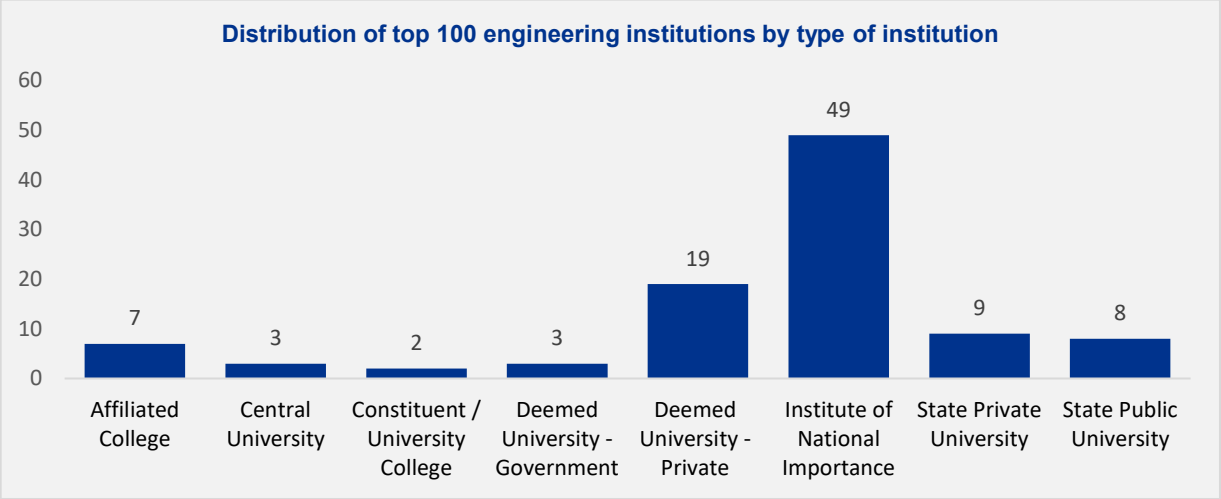
Highlights of NIRF 2023 – Engineering category

- **Total number of participating institutions:** The engineering category has seen an increase in number of participating institutes (about five per cent) from 1249 in 2022 to 1314 in 2023. The engineering category has the second highest number of institutes participating in the ranking after colleges category making it one of the most competitive categories. Out of the participating institutions, a total of 100 institutes have been given unique ranks and the next 100 institutions have been categorised in two rank bands (100–150 and 151–200). This is a change from 2022 where unique ranks were assigned to top 200 institutions.
- The top ranked institutions in NIRF 2023 in the engineering category are as follows:

Public institutions	Rank		Private institutions	Rank
Indian Institute of Technology Madras	1		Vellore Institute of Technology, Vellore	11
Indian Institute of Technology Delhi	2		Amrita Vishwa Vidyapeetham, Coimbatore	19
Indian Institute of Technology Bombay	3		Thapar Institute of Engineering and Technology (Deemed-to-be-university)	20

- **Institutes of National Importance and Private Deemed Universities dominate the top 100 institutes**, where almost half of the share is taken by Institutes of National Importance alone. Affiliated colleges saw a maximum number of drops in top 100 rankings vis-à-vis last year.



Variation in scores by rank band: For the engineering category, the variation of scores, that is the difference in maximum score and minimum score in that rank band, decreases as the ranks drop. This implies that a unit shift in score in the lower rank bands will result in a significant shift in the rankings.

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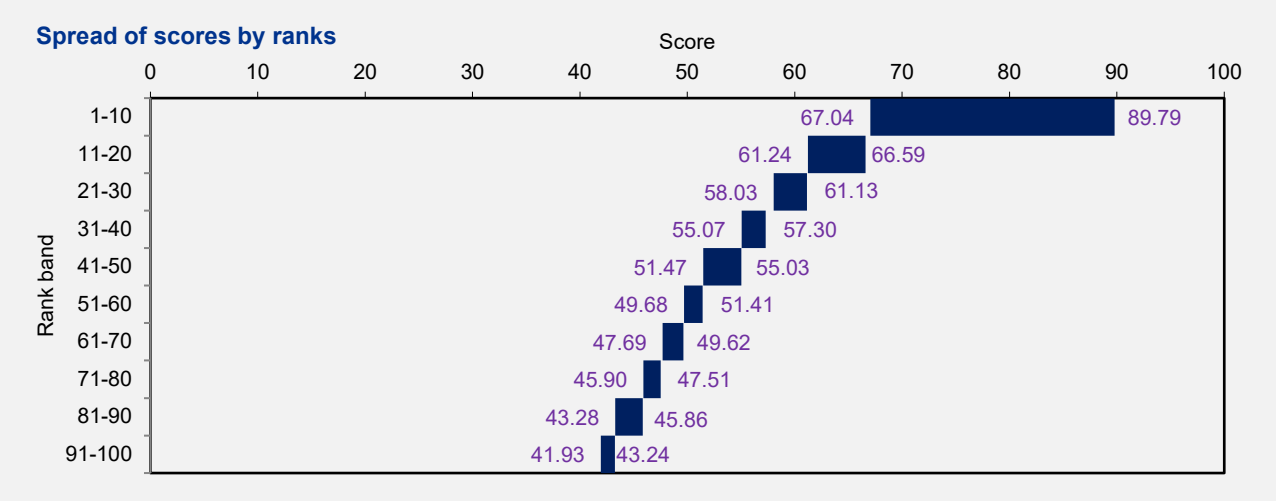
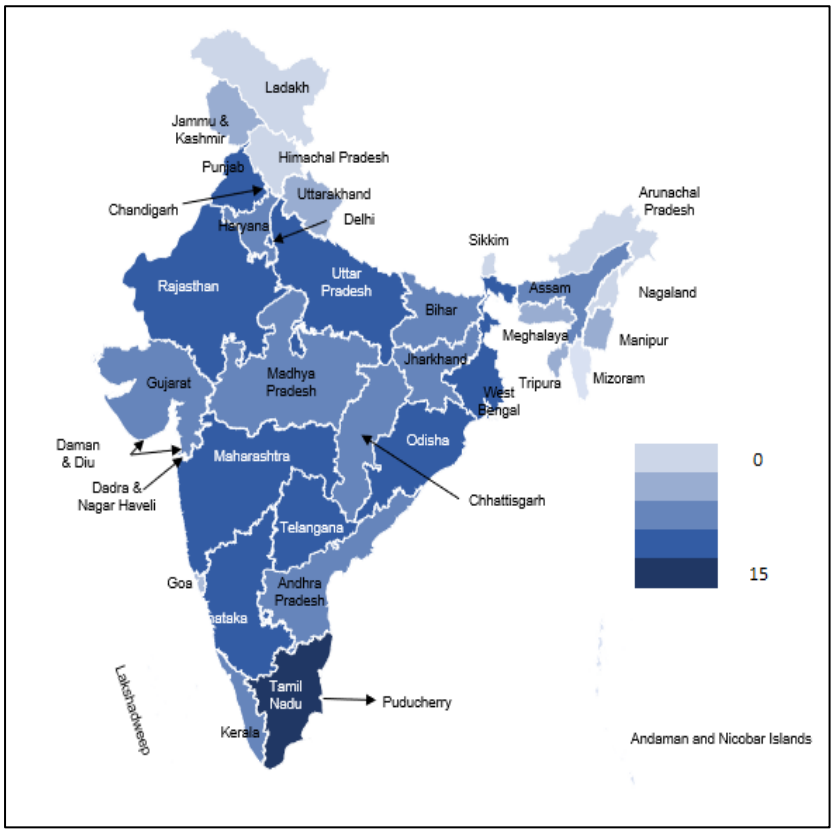


Fifteen among the top ranked engineering institutes are from Tamil Nadu: In continuation to their performance in 2022 rankings,15 institutions are from Tamil Nadu, followed by Delhi, Karnataka, and Uttar Pradesh with seven institutions each. Similar to the trend observed in overall university rankings, southern states see both private and public institutes making it to top ranks, however in northern states like Delhi and Uttar Pradesh, most ranked institutes are public / public affiliated institutions.

State-wise distribution of top 100 engineering institutes



State	Number of institutions in the top 100	
	2023	2022
Tamil Nadu	15	16
Delhi	7	6
Karnataka	7	9
Uttar Pradesh	7	7
Punjab	6	5
Telangana	6	5
Maharashtra	5	5
Odisha	5	5
Rajasthan	5	5
Andhra Pradesh	4	4
Madhya Pradesh	4	4
West Bengal	4	4
Kerala	3	3
Uttarakhand	3	3
Assam	2	2
Bihar	2	2
Chhattisgarh	2	1
Gujarat	2	2
Haryana	2	2
Jammu and Kashmir	2	1
Jharkhand	2	3
Others	5	4

Map indicative only

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There are 10 new entrants in the top 100: Of the 10 new entrants in the top 100, three have participated in the NIRF engineering category rankings for the first time, six have made a jump from the 101–200 rank band into the top 100 and one had participated last year but was not ranked.

Name	Type	City	2023 rank	2022 rank
National Institute of Technology Delhi	Institute of National Importance	Delhi	51	194
Saveetha Institute of Medical and Technical Sciences	Deemed University - Private	Chennai	64	156
Indian Institute of Technology Jammu	Institute of National Importance	Jammu	67	Not Participated
University of Hyderabad	Central University	Hyderabad	71	Not Participated
Rajiv Gandhi Institute of Petroleum Technology	Institute of National Importance	Amethi	79	182
Indian Institute of Technology Bhilai	Institute of National Importance	Raipur	81	Not Participated
Chitkara University	State Private University	Rajpura	92	144
Indian Institute of Technology Dharwad	Institute of National Importance	Dharwad	93	Not ranked
National Institute of Technology Manipur	Institute of National Importance	Imphal	95	108
Amity University Haryana, Gurgaon	State Private University	Gurugram, Haryana	99	114

Ten of top 100 have dropped in rankings this year: All the 10 institutions which dropped from the top 100 rankings moved to 101-150 rank band.

Name	Type	City	2022 rank	2023 rank band
PES University	State Private University	Bengaluru	100	101-150
Siddaganga Institute of Technology	Affiliated College	Tumakuru	97	101-150
The Northcap University	State Private University	Gurugram	96	101-150
Jaypee Institute of Information Technology	Deemed University – Private	Noida	94	101-150
National Institute of Technology Jamshedpur	Institute of National Importance	Jamshedpur	90	101-150
Punjab Engineering College (Deemed to be University) Chandigarh	Deemed University – Government	Chandigarh	87	101-150
National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM - Thanjavur)	Institute of National Importance	Thanjavur	86	101-150
Thiagarajar College of Engineering	Affiliated College	Madurai	85	101-150
B.M.S. College of Engineering	Affiliated College	Bengaluru	83	101-150
Panjab University	State Public University	Chandigarh	92	101-150

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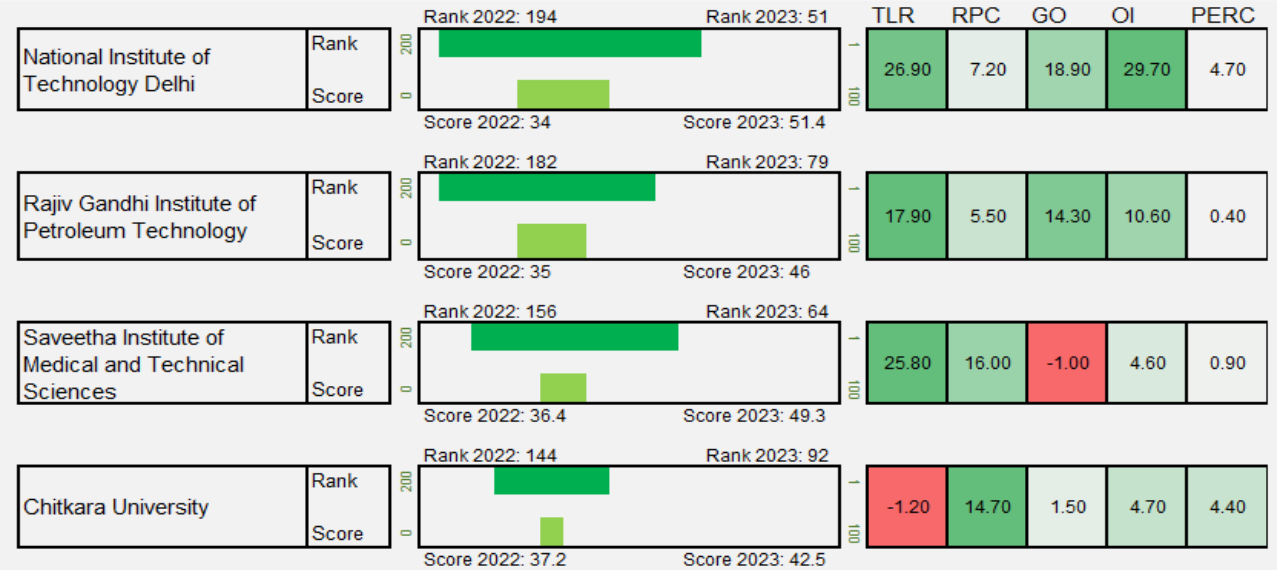
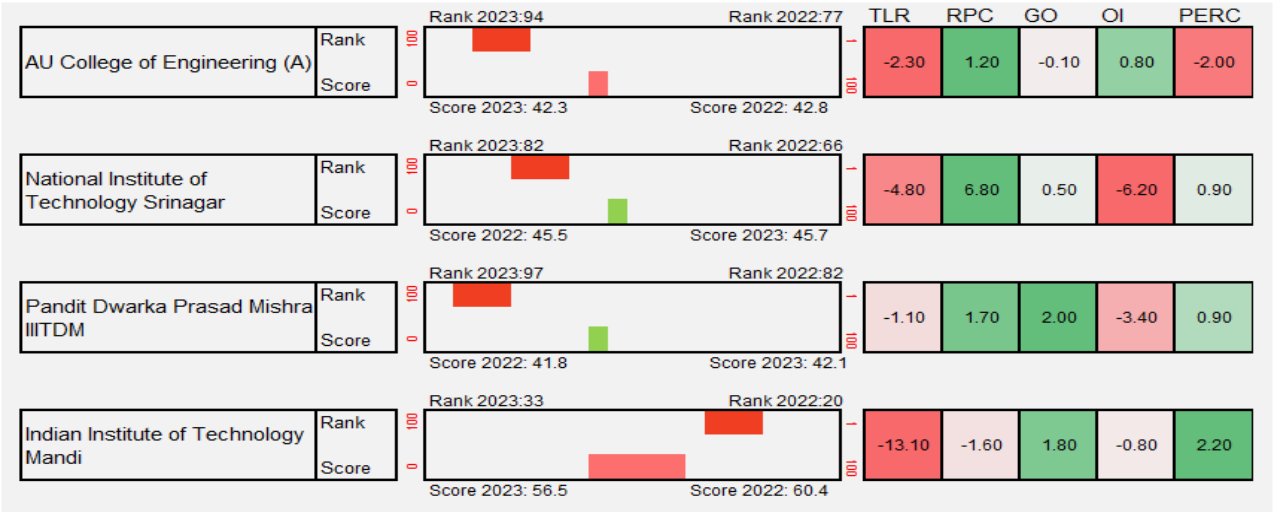
Among the top 100 institutions in 2023, a total of 36 institutions have shown an improvement in ranking: National Institute of Technology Delhi made highest jump of 143 ranks followed by Rajiv Gandhi Institute of Petroleum Technology which made a jump of 103 ranks. These improvement in rankings are majorly driven by the improvement in TLR and RPC scores.



Note: The values for the parameters are the differences between the scores in 2023 and 2022

Among the top 100 institutions in 2023, 46 institutions have shown a drop in their ranking: AU College of Engineering (A) dropped most by 17 ranks followed by National Institute of Technology, Srinagar which saw a drop by 16 ranks. Out of the four institutions who have seen the highest drop in ranks among top 100 institutions in 2023, two of them saw a drop in their rank despite improving their overall score when compared to 2022 scores.



Note: The values for the parameters are the differences between the scores in 2023 and 2022. Additionally, only the movement in rankings amongst top 100 has been shown. This does not cover institutions which have dropped out of top 100.

Among the top 100 institutions in 2023, 13 institutions have maintained a same ranking as that of 2022

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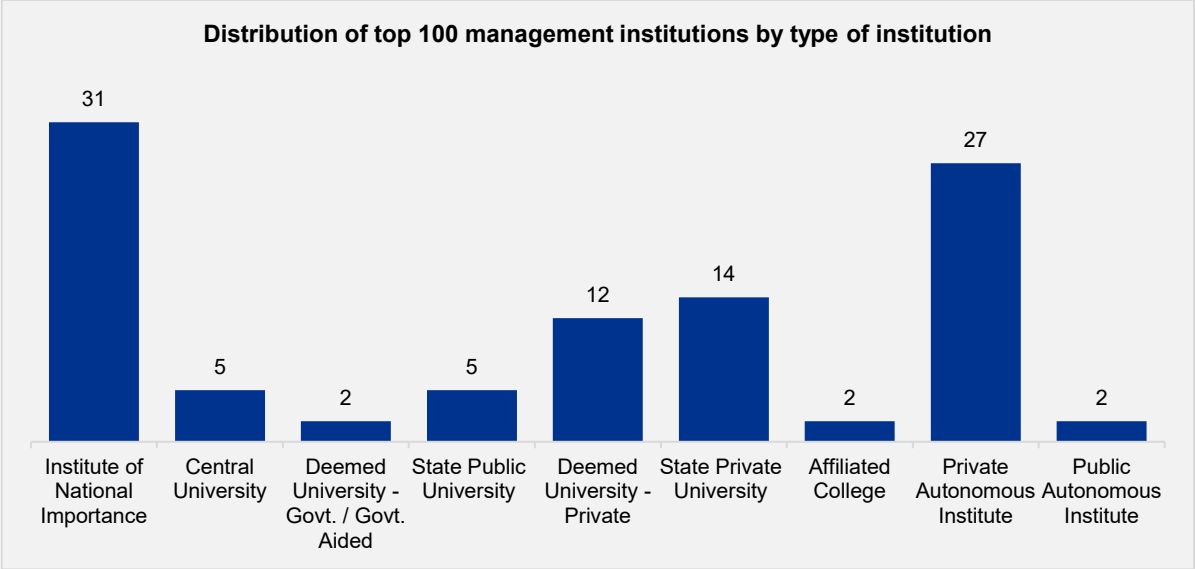
Highlights of NIRF 2023 – Management category

- **Total of 776 institutes participated in the NIRF 2023 management category:** The number of participating institutes increased to 776 in 2023 from 751 institutes in 2022 and the number of institutions ranked in this category is 100 which is the same as the previous year.
- **Top three public and private management institutes:** Indian Institute of Management Kozhikode featured in the top three ranks, displacing Indian Institute of Management Calcutta, for the first time from the top three ranks. The highest ranked public and private institutions within the management category in NIRF 2023 are shown below:

Public institutions	Rank		Private institutions	Rank
Indian Institute of Management Ahmedabad	1		XLRI-Xavier School of Management	9
Indian Institute of Management Bangalore	2		Management Development Institute	13
Indian Institute of Management Kozhikode	3		Symbiosis Institute of Business Management	17

- **Institutions of National Importance dominate the top ranks while private institutions claim majority in the top 100:** Institutes of National Importance occupy the top eight positions and top 15 out of the top twenty ranked institutes. Amongst the top 100 ranked institutes, there are 31 institutes of national importance followed by 27 private autonomous institutes, 14 state private universities and 12 deemed private universities.



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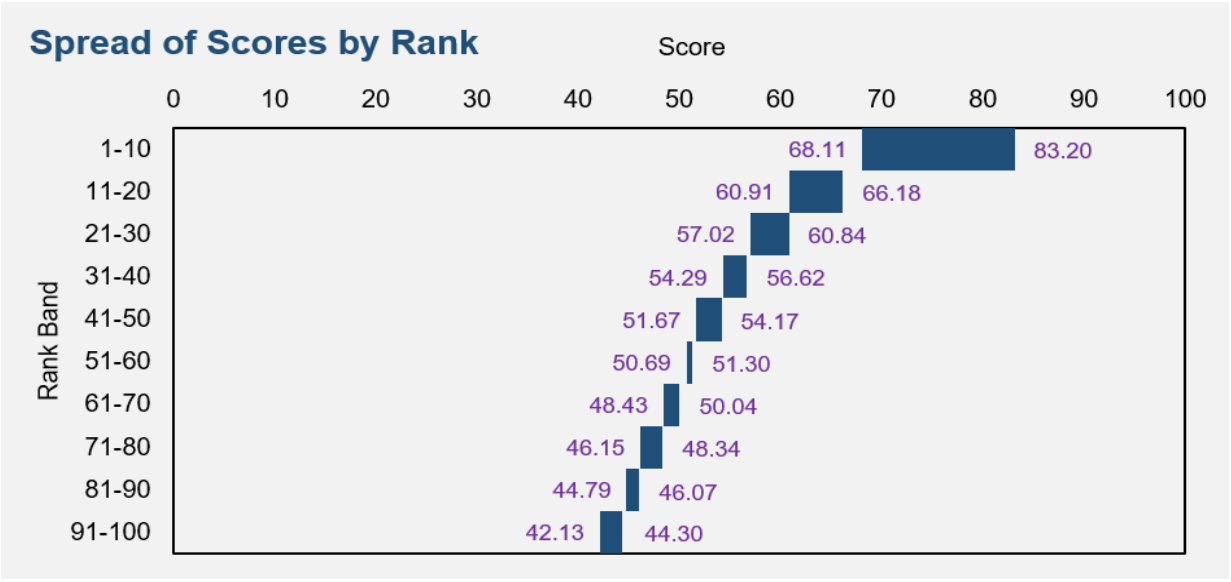
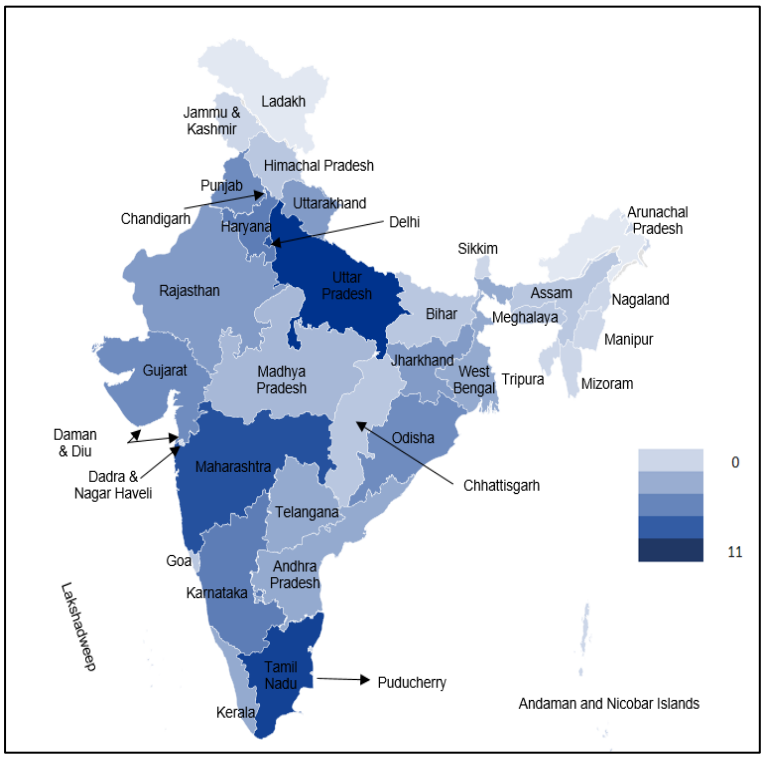
Variation of scores by rank band: For management ranking category, the variation of scores, which is the difference in maximum score and minimum score in that rank band decreases as the ranks drop. The spread of scores by rank band is shown by the graph below.



Uttar Pradesh has the highest number of ranked institutions among all states closely followed by Tamil Nadu and Maharashtra:

Uttar Pradesh has 11 institutes featuring in top 100 ranking followed by Tamil Nadu and Maharashtra with 10 and nine institutions, respectively. Himachal Pradesh, Assam, Goa, Jammu and Kashmir, Meghalaya, Bihar, Chhattisgarh, and Chandigarh have one institute each, and Madhya Pradesh has two institutes in the top 100 rankings.

State-wise distribution of top 100 management institutions



Map indicative only

State	Number of institutions in the top 100	
	2023	2022
Uttar Pradesh	11	12
Tamil Nadu	10	11
Maharashtra	9	10
Delhi	9	8
Gujarat	5	6
Karnataka	6	6
Haryana	6	5
Punjab	5	5
Jharkhand	4	4
Uttarakhand	4	4
Rajasthan	4	4
Odisha	5	4
West Bengal	3	3
Kerala	3	3
Telangana	3	3
Andhra Pradesh	3	3
Others	10	10

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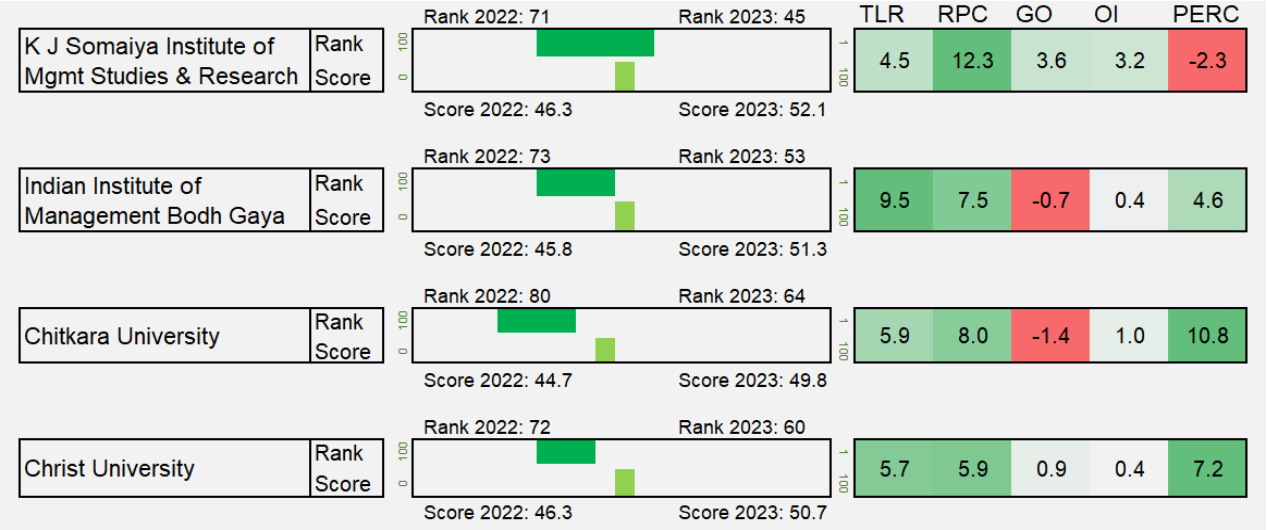
There are seven new entrants in top 100. The top five ranked new entrants are shown below:

Name	Type	State	2023 Rank	2022 Rank
Siksha `O` Anusandhan	Deemed University-Private	Odisha	57	Not participated
Malaviya National Institute of Technology	Institute of National Importance	Rajasthan	69	Not participated
National Institute of Bank Management	Private Autonomous Institute	Maharashtra	76	Not participated
Tezpur University	Central University	Assam	93	Not participated
National Institute of Agricultural Extension Management	Public Autonomous Institute	Telangana	97	Not participated

A total of 44 Institutions have shown an improvement in rankings this year: The institutions which shown the maximum rise in ranks (from 2022) are shown below along with their growth in parameter scores. K. J. Somaiya Institute of Management Studies and Research, Indian Institute of Management Bodh Gaya, Chitkara University, and Christ University have climbed 26, 20, 16, and 12 ranks respectively attaining 45th, 53rd, 64th, and 60th ranks, respectively. All these four institutes have shown an improvement in TLR (Teaching, Learning, and Resources), and RPC (Research, Professional Practice & Collaborative Performance) score in comparison to the previous year.



Note - The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

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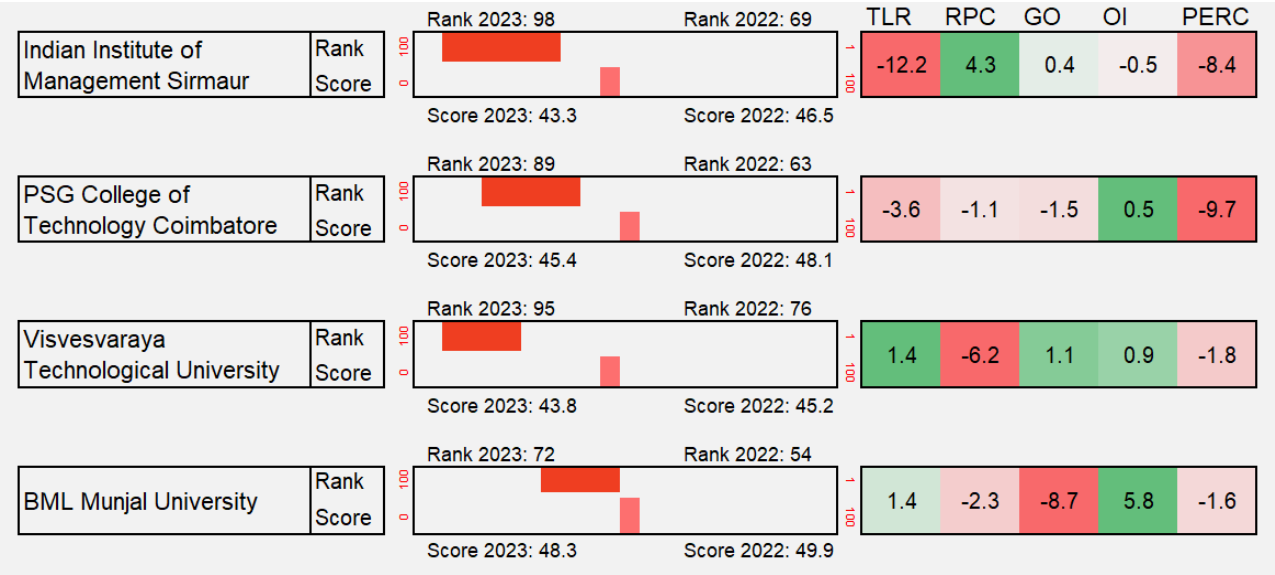
A total of 38 institutions have dropped in rankings this year: The institutions which have dropped maximum number of ranks (from 2022) are shown below along with their decline in parameter scores. Indian Institute of Management Sirmaur, PSG College of Technology, Visvesvaraya Technological University, BML Munjal University, and Nirma University saw the highest decline from 69th, 63rd, 76th and 54th ranks in 2022 to 98th, 89th, 95th and 72nd ranks in 2023, respectively.



Note - The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

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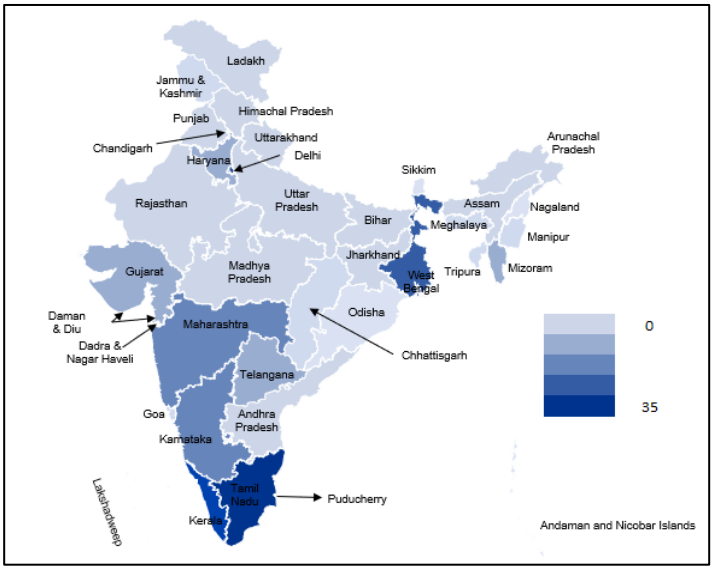
Highlights of NIRF 2023 - College category

- **A total of 2,746 colleges participated in this category this year**[3]**:** This is a 21 per cent increase from last year when 2,270 colleges participated in the ranking. Maximum participation has been from Maharashtra (473 colleges), followed by Tamil Nadu (383 colleges), and Andhra Pradesh (210 colleges). Since the introduction of college category, the number of participating institutions has grown five times from 535 in 2017 to **2746** in 2023, out of which top 200 institutions have been ranked/categorised with top 100 institutions being assigned unique ranks.
- **University colleges and private aided colleges dominate the ranking:** Miranda House has been ranked first for four consecutive years in a row. PSGR Krishnammal College for Women, ranked fourth, is the highest ranked private aided college.

Public institutions	Rank		Private institutions	Rank
Miranda House	1		PSGR Krishnammal College for Women	4
Hindu College	2		St. Xavier's College	5
Presidency College	3		Loyola College	7

- **Ten out of the top 20 colleges are in Delhi:** Tamil Nadu dominates the top 100 ranks with 35 institutions this year followed by Delhi with 32 institutions, followed by Kerala with 14 institutions. Out of the 57 participating colleges from Delhi, 32 have been ranked in the top 100 (nearly 56 per cent). Out of the 383 colleges of Tamil Nadu, 35 have been ranked in the top 100 (almost 9 per cent). Overall, the representation of states has remained almost constant over the last five years.

State-wise distribution of top 100 colleges



Map indicative only

State	No. of institutions in the top 100	
	2023	2022
Tamil Nadu	35	32
Delhi	32	32
Kerala	14	17
West Bengal	8	7
Maharashtra	3	3
Karnataka	2	2
Puducherry	1	2
Chandigarh	1	1
Gujarat	1	1
Haryana	1	1
Mizoram	1	1
Telangana	1	0

[3] Mostly features arts/sciences colleges. Colleges from other categories such as engineering, medical, etc. are mostly not considered under this category

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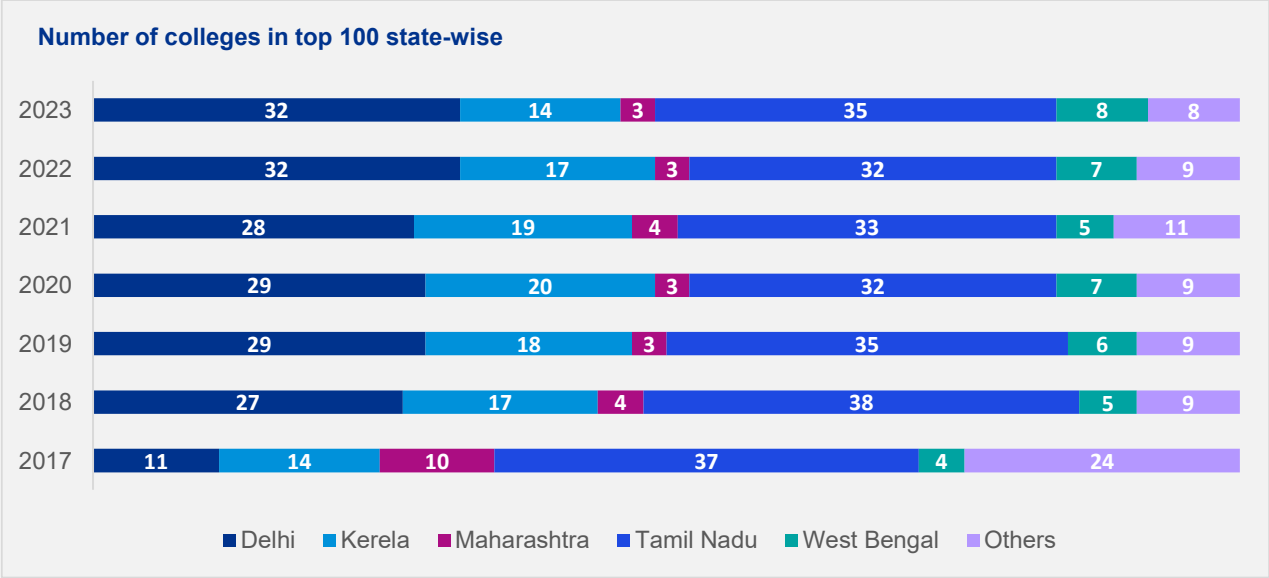
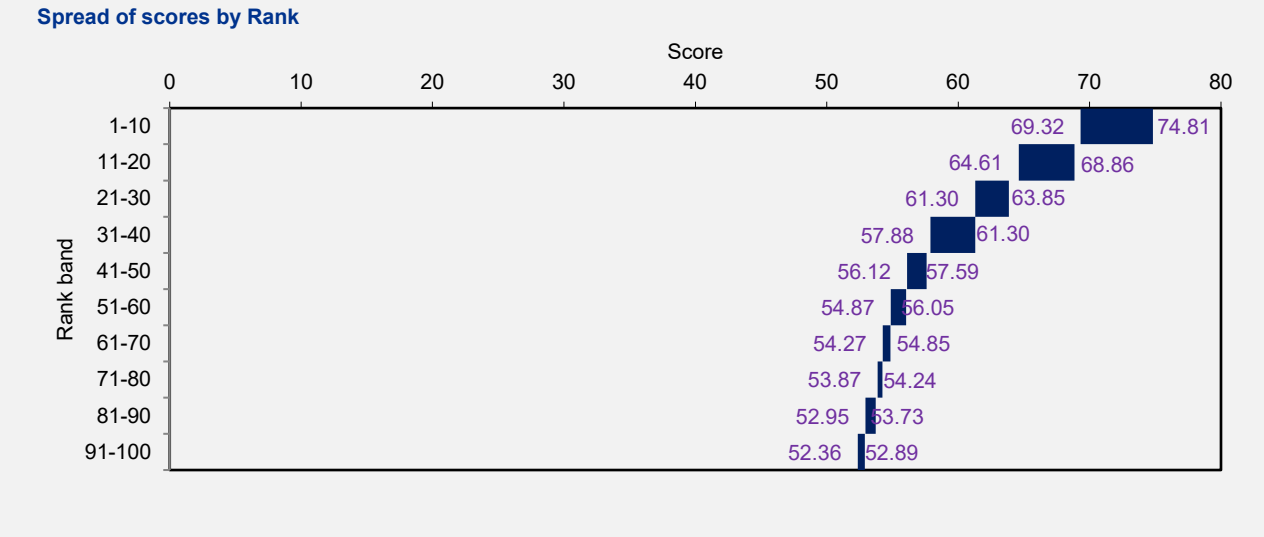


Variation in scores by rank band: The variation of scores, that is the difference in maximum score and minimum score in a particular rank band, decreases as the ranks drop. For institutions in the lower rank bands, a small shift in score would result in a large shift in their ranking. For the top 1–100 ranks, the graph below shows the spread of scores by rank band.



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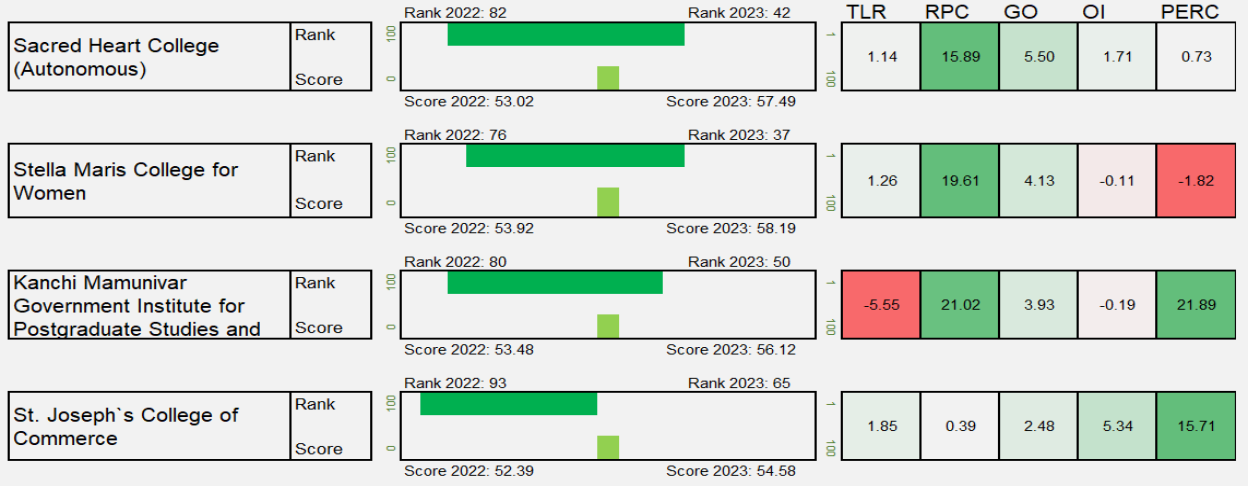
There are 12 new entrants in the top 100. Of the 12 new entrants in the top 100, seven are from Tamil Nadu.

Name	State	2023 Rank	2022 Rank
The American College	Tamil Nadu	58	101-150
Dhanalakshmi Srinivasan College of Arts & Science for Women	Tamil Nadu	74	101-150
St. Aloysius College	Karnataka	80	101-150
Guru Nanak College	Tamil Nadu	82	101-150
Government Institute of Science, Nagpur	Maharashtra	83	101-150
Delhi College of Arts & Commerce	Delhi	84	101-150
Dr. S. N. S. Rajalakshmi College of Arts and Science	Tamil Nadu	89	101-150
National College	Tamil Nadu	90	101-150
N. G. M. College	Tamil Nadu	95	101-150
St. Francis College for Women	Telangana	98	101-150
Dr G.R. Damodaran College of Science	Tamil Nadu	99	Not Ranked
Scottish Church College	West Bengal	100	101-150

There are 44 institutions which have shown an improvement in rankings this year: The institutions which made the biggest climb (from 2022) within the top 100 ranks are shown below.



**The values for the parameters are the differences between the scores in 2023 and 2022*

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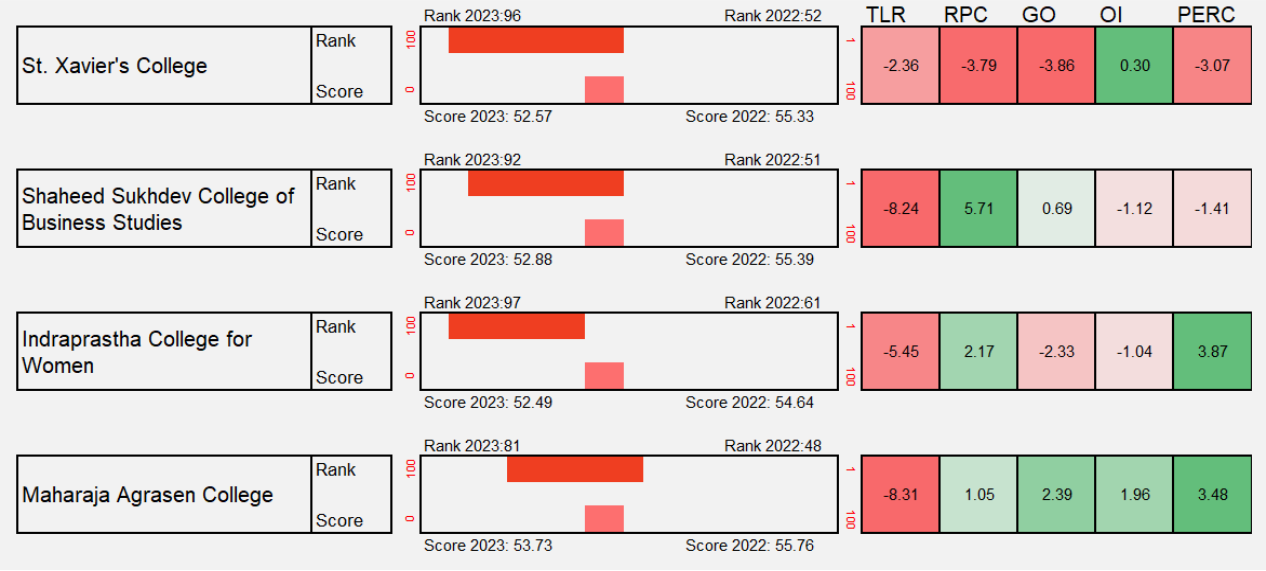
There are 37 institutions which have dropped in rankings this year: The institutions which have dropped maximum number of ranks (from 2022) within the top 100 rank band are shown below.



*Note - *The values for the parameters are the differences between the scores in 2023 and 2022*

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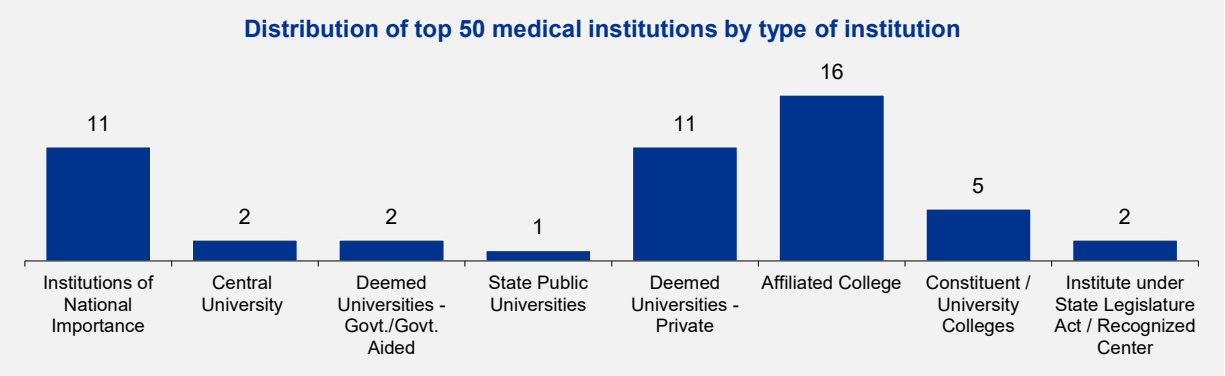
Highlights of NIRF 2023 – Medical category

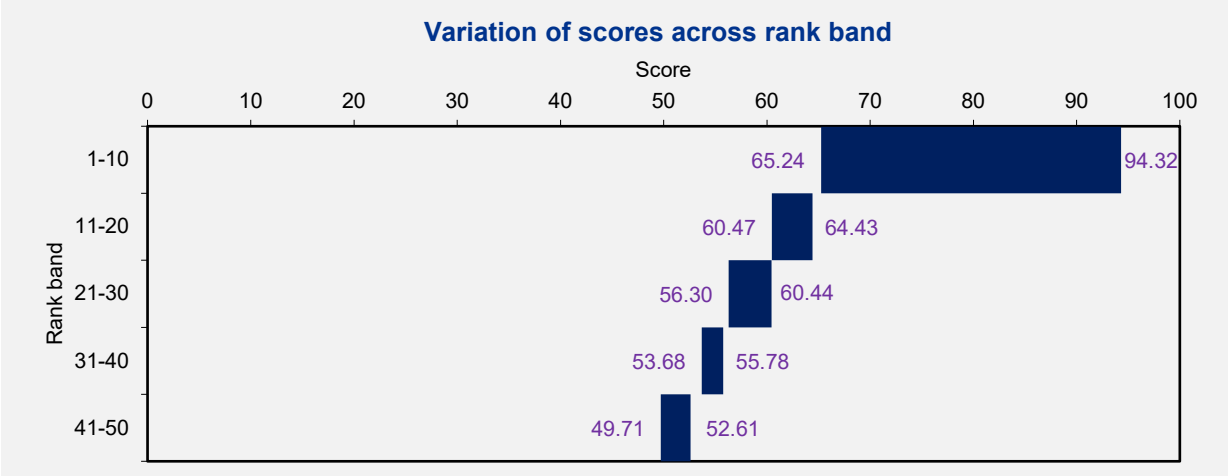
- **Increase in participation in NIRF 2023:** Since the introduction of the medical category in 2018, more than 100 medical institutions participated in NIRF rankings. A total of 176 institutes applied in 2023, out of which the top 50 institutes have been ranked. The participating institutes constitute ~28 per cent of total medical institutes (about 612) in the country.
- **Top ranked medical institutes across categories:** All India Institute of Medical Sciences, New Delhi has been ranked first for the fifth consecutive year in medical category. Christian Medical College, Vellore, at third rank, continues to be the top ranked private medical institution in the country.

Public institutions	Rank		Private institutions	Rank
All India Institute of Medical Sciences, New Delhi	1		Christian Medical College, Vellore	3
Postgraduate Institute of Medical Education & Research, Chandigarh	2		Amrita Vishwa Vidyapeetham, Coimbatore	6
National Institute of Mental Health and Neurosciences, Bengaluru	4		Kasturba Medical College, Manipal	9

- **Public institutions claim majority in top 50:** Amongst the top 50 institutes, there are 29 public institutes (including institute of national importance, institute under state legislature act, central university, state public university, public affiliated institutions, deemed university - government /government aided and constituent / university college). There are 11 private deemed universities amongst the top 50 as well.



- **Variation in scores:** For ranks 1-5, the variation between minimum and maximum scores is around 22.22 marks. For institutions in the lower rank band 31–50, the difference in scores is much less and a small deviation in scores would result in a significant increase or decrease these rank bands.



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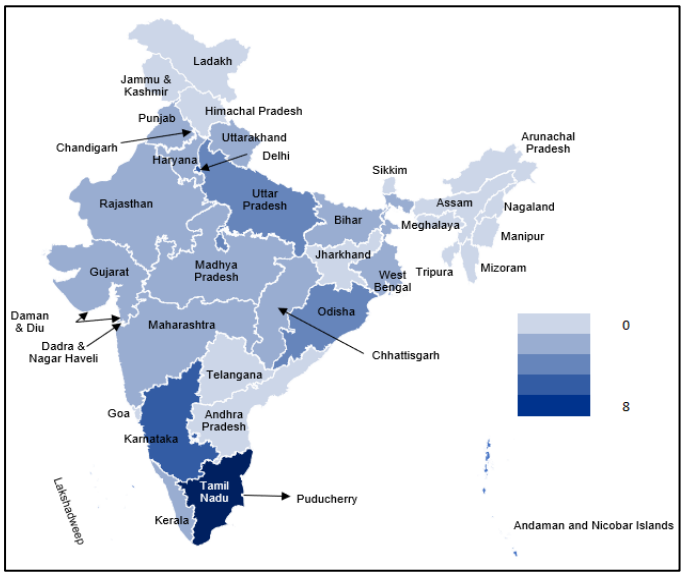
- **Tamil Nadu, Delhi, and Karnataka dominate top 50:** Tamil Nadu, Delhi and Karnataka continue their dominance with eight, seven and six institutions respectively, accounting for nearly 42 per cent of the top 50 institutions.

State-wise distribution of top 50 medical institutions



Map indicative only

State	Number of institutions in the top 50	
	2023	2022
Tamil Nadu	8	8
Delhi	7	7
Karnataka	6	6
Maharashtra	2	4
Odisha	3	4
Uttar Pradesh	4	4
Chandigarh	2	2
Gujarat	2	2
Puducherry	2	2
Punjab	2	2
Rajasthan	2	2
West Bengal	2	2
Others	8	5

- **A total of four new entrants into top 50:** Among the four, two institutions (AIIMS Patna and AIIMS Bhopal) who had failed to make the cut in NIRF 2022 have achieved rank 21 and 36, respectively. Two institutions namely, Government Medical College, Thiruvananthapuram, and Pt. B. D. Sharma, PGIMS had not participated in NIRF 2022 but have made it to top 50 in NIRF 2023. Details of new entrants are provided in table below:

Name of the institute	Type	City	2023 rank	2022 rank
All India Institute of Medical Sciences, Patna	Institution of National Importance	Patna	21	Participated but not ranked
All India Institute of Medical Sciences, Bhopal	Institution of National Importance	Bhopal	36	Participated but not ranked
Government Medical College, Thiruvananthapuram	Affiliated College	Thiruvananthapuram	37	Did not participate
Pt. B. D. Sharma, PGIMS	Constituent / University College	Rohtak	48	Did not participate

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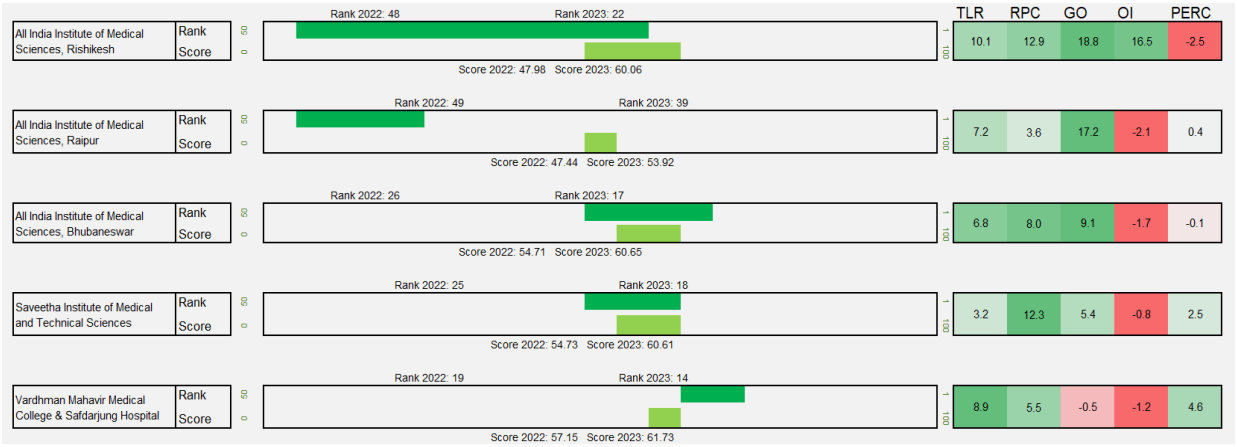
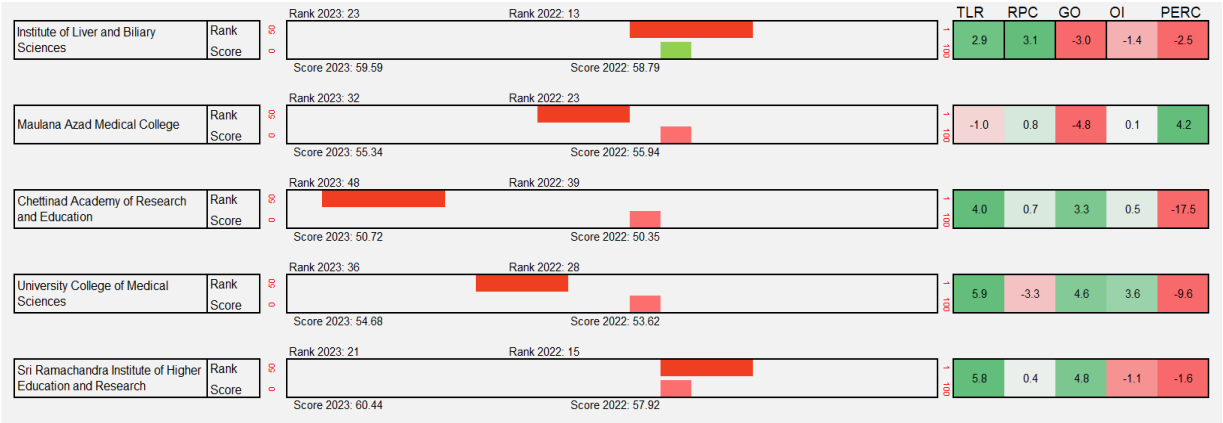
- **A total of sixteen institutions showed an improvement in rankings:** The institutions which made the biggest climb (from 2022) are shown below along with their growth in parameter scores. All India Institute of Medical Sciences Rishikesh (from 22 to 48), and All India Institute of Medical Sciences Raipur (from 39 to 48) have seen an increase in ranking for nine or more positions.



**The values for the parameters are the differences between the scores in 2023 and 2022.*

- **A total of 22 institutions have shown a decline in ranks:** The institutions which have dropped maximum number of ranks from 2023 are shown below along with their change in parameter scores. A decrease in perception scores is witnessed uniformly across all these institutions. Institutions such as Institute of Liver and Biliary Sciences (from 13 to 23) and Maulana Azad Medical College (from 23 to 32) have seen a decline of nine or more positions.



**The values for the parameters are the differences between the scores in 2023 and 2022.*

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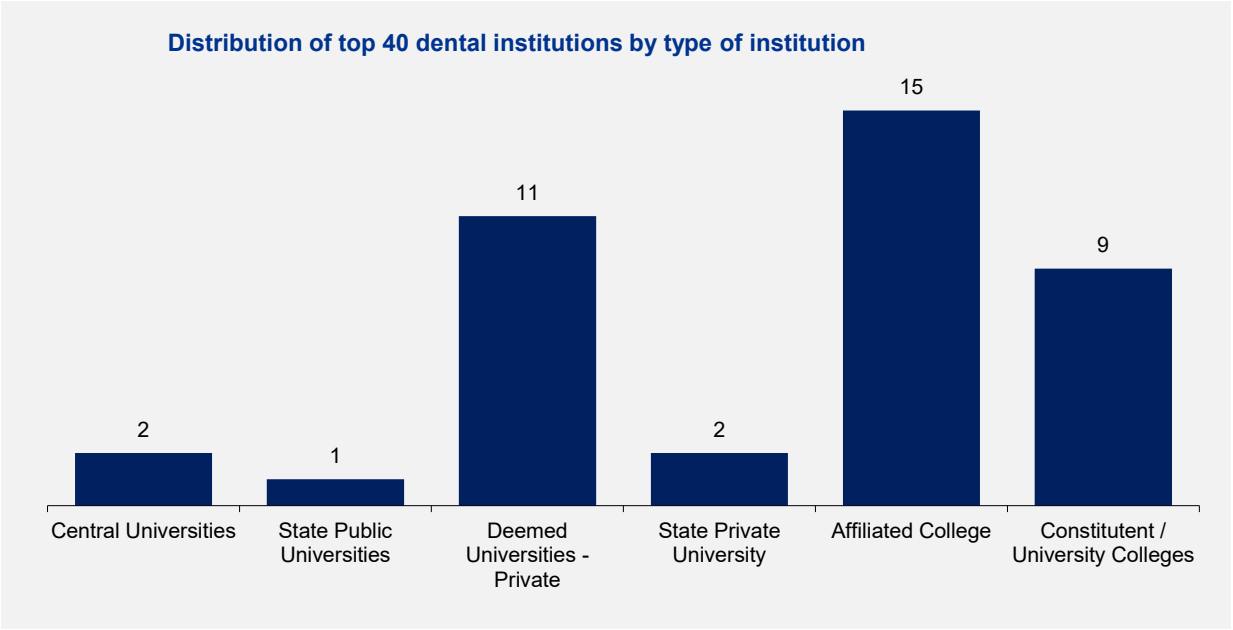
Highlights of NIRF 2023 – Dental category

- **Total number of participating institutions:** In the fourth edition of dental category rankings, a total of 155 institutions have participated. Out of the 155, 40 institutions have been ranked. In contrast to other categories, the top three ranked institutions in dental category are all private institutions. The top ranked public and private institutions in the dental category are as follows:

Public institutions	Rank	Private institutions	Rank
Maulana Azad Institute of Dental Sciences, Delhi	4	Saveetha Institute of Medical and Technical Sciences, Chennai	1
Jamia Millia Islamia, New Delhi	10	Manipal Academy of Dental Sciences, Manipal	2
Postgraduate Institute of Dental Sciences, Rohtak	13	Dr. D. Y. Patil Vidyapeeth, Pune	3

- **Private institutions dominate the dental rankings:** In contrast to other categories, majority of the institutions ranked in dental category are private institutions (nearly 65 per cent), however, this is lower than the previous year (almost 72 per cent). These institutes are predominantly affiliated colleges followed by deemed universities and constituent university colleges.
Only fourteen out of the top 40 ranked institutions are public/government funded institutions, which is three more than the previous year. The distribution is as below:



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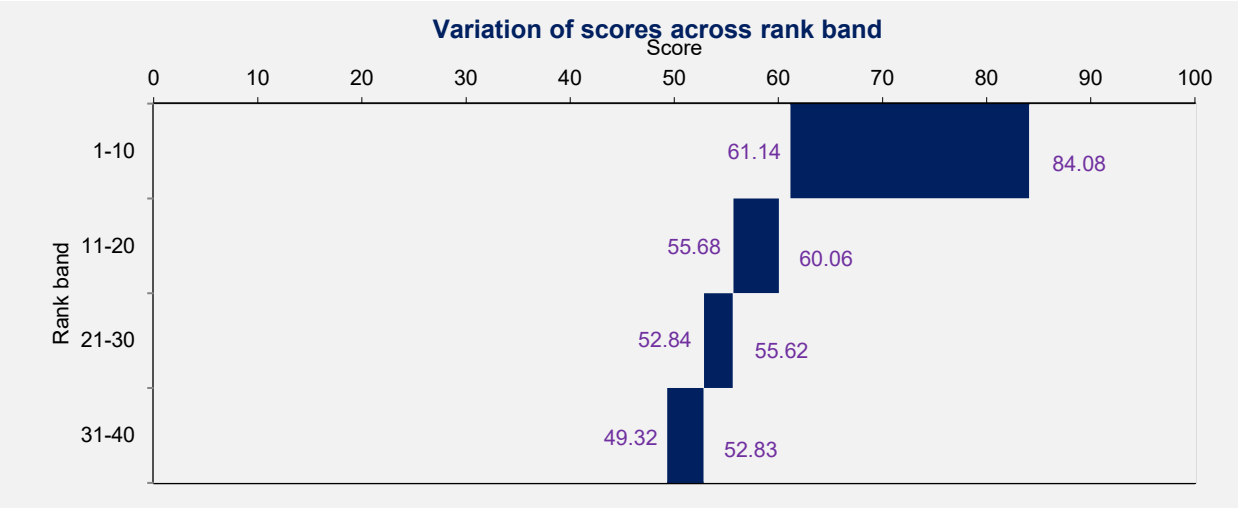
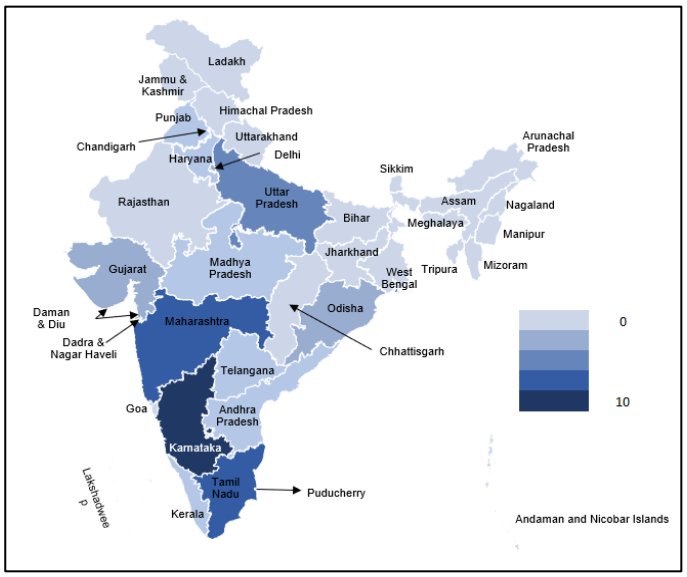
- **Variation in scores:** For the top ten ranks, the variation between minimum and maximum scores is around 22.94 marks. For institutions in the lower rank band 11–40, a small shift in score would result in a significant increase or decrease of their ranking due to small deviations in scores in these rank bands.



State-wise distribution of Ranked Dental Institutions



Map indicative only

State	Number of institutions in the top 40	
	2023	2022
Karnataka	10	10
Tamil Nadu	7	9
Maharashtra	7	6
Uttar Pradesh	3	3
Delhi	2	2
Odisha	2	2
Gujarat	2	2
Andhra Pradesh	1	2
Telangana	1	0
Haryana	1	1
Punjab	1	0
Chandigarh	1	0
Kerala	1	1
Madhya Pradesh	1	1

- **Karnataka, Tamil Nadu, and Maharashtra host the maximum number of top ranked dental institutes in the country.** The three states, in total, account for 60 per cent of the top 40 dental institutions and have been dominating rankings through the last four years.

  Interestingly, most ranked institutes in Tamil Nadu and a majority in Karnataka and Maharashtra are private institutes or constituent colleges of private universities, whereas in states like UP and Delhi, all ranked institutions are public institutions or colleges affiliated to public institutions. This trend is in line with overall university rankings where ranked universities in northern states of India are more likely to be public universities whereas in other regions, private universities take equal or more spots amongst top ranked institutes.

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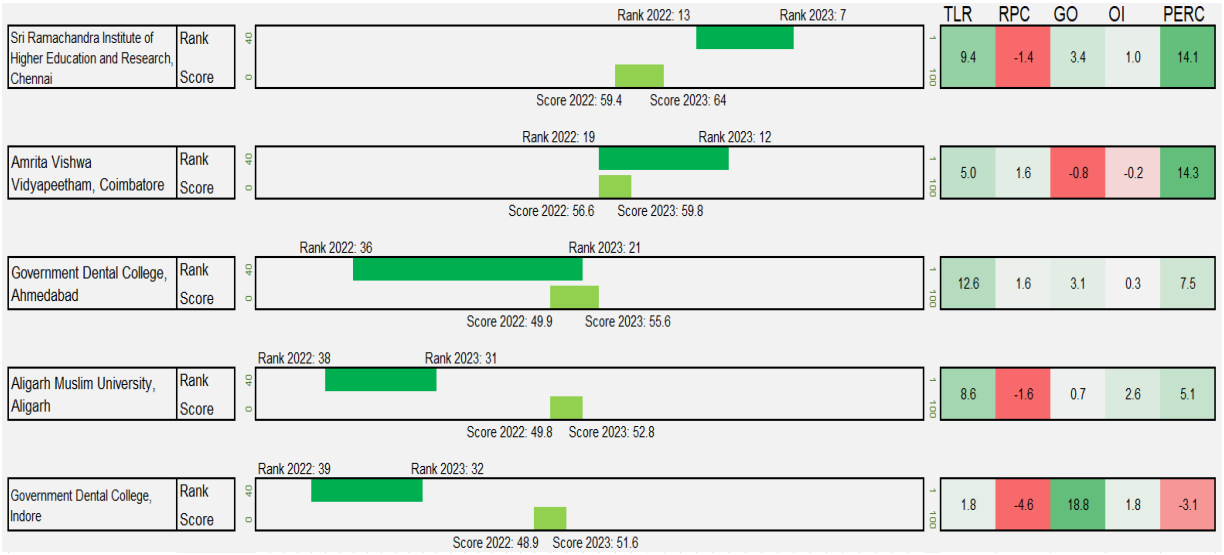
- **A total of nine new entrants into top 40:** Seven institutions who did not make the cut in NIRF 2022 have now achieved a rank in top 40 this year. Two institutions which did not participate last year have managed to break into top 40 ranks in their first year of participation. Details of new entrants are provided in table below:

Name of the institute	Type	City	2023 rank	2022 rank
Govt. Dental College, Mumbai	Affiliated College	Mumbai	29	Did not participate
Christian Dental College	Affiliated College	Ludhiana	30	Participated but not ranked in top 40
Army College of Dental Sciences	Affiliated College	Telangana	33	Participated but not ranked in top 40
Panjab University	State Public University	Chandigarh	34	Participated but not ranked in top 40
KLE Vishwanath Katti Institute of Dental Sciences	Constituent / University Colleges	Belgaum	35	Participated but not ranked in top 40
Bapuji Dental College & Hospital	Affiliated College	Davangere	36	Participated but not ranked in top 40
Padmashree Dr. D. Y. Patil Vidyapeeth, Mumbai	Deemed University - Private	Mumbai	38	Participated but not ranked in top 40
Bharati Vidyapeeth (Deemed to be University) Dental College and Hospital	Deemed University - Private	Pune	39	Participated but not ranked in top 40
Saraswati Dental College & Hospital	Affiliated College	Lucknow	40	Did not participate

- **A total of sixteen institutions have shown an improvement in rankings:** The institutions which made the highest climb (from NIRF 2022) are shown below along with their growth in parameter scores. Sri Ramachandra Institute of Higher Education and Research (from 13 to seven) has seen a jump of six ranks, Amrita Vishwa Vidyapeetham (from 19 to 12), Aligarh Muslim University (from 38 to 31), Government Dental College, Indore (from 39 to 32) have seen a significant jump of seven ranks. The most significant jump has been showcased by Government Dental College, Ahmedabad from (36 to 21) with a 15-rank jump from 2022.



**The values for the parameters (on the right) are the differences between the scores obtained in NIRF 2023 and 2022.*

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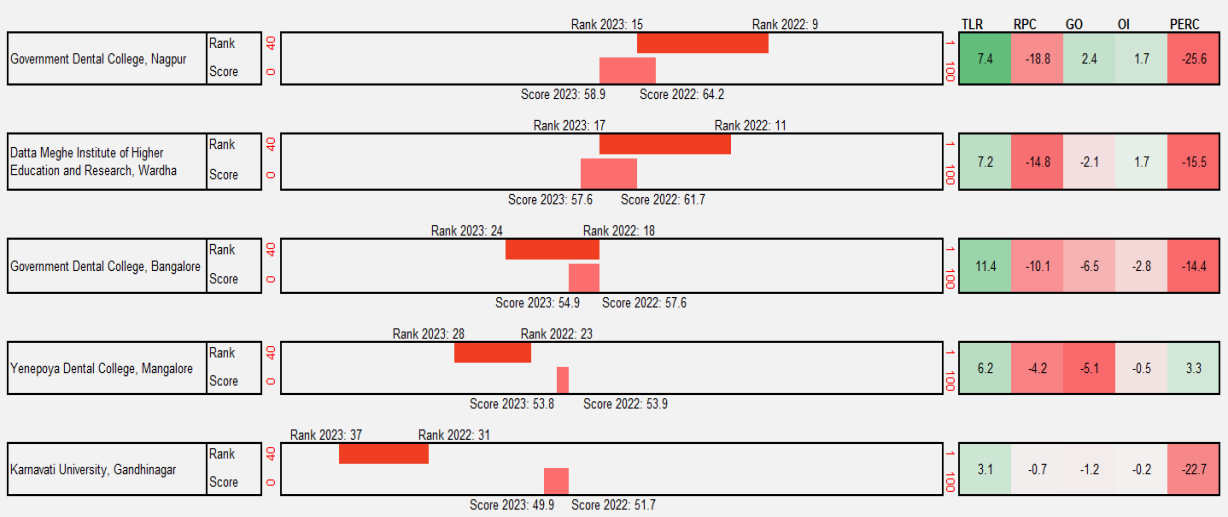
- **A total of nine institutions have shown a decline in ranks:** The institutions whose performance has gone down by maximum number of ranks from 2022 are shown below along with their change in parameter scores. Government Dental College Nagpur, Datta Meghe Institute of Higher Education and Research-Wardha, Government Dental College-Bangalore, Karnavati University-Gandhinagar have all witnessed a decline of six ranks from 2022 and Yenepoya Dental College-Mangalore has witnessed a dip of five ranks from 2022.



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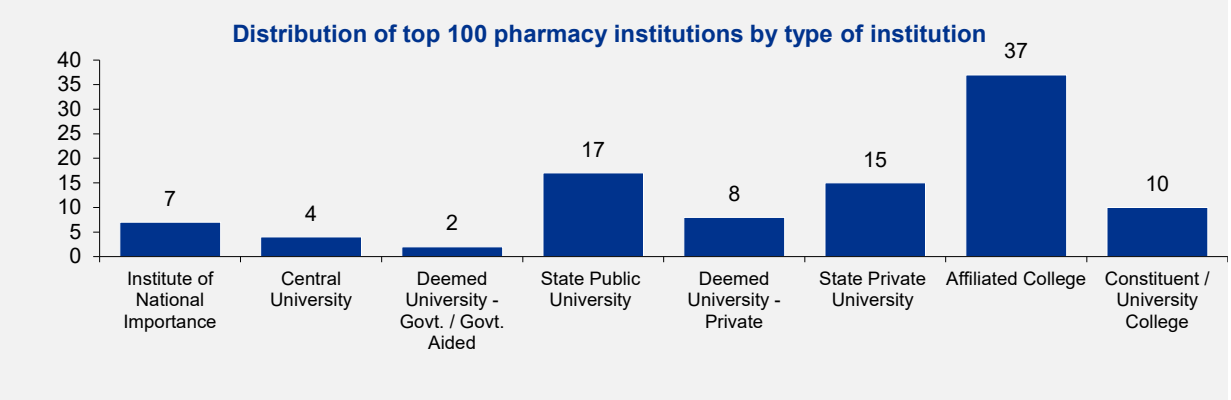
Highlights of NIRF 2023 – Pharmacy category

- **Increase in participation in NIRF:** Pharmacy was one of the first categories introduced by NIRF. Number of participating institutions increased to 435 from 400 in NIRF 2022 ranking. Out of these 435, 84 were new participants. Interestingly, 49 institutions that participated last year in the rankings, did not participate this year.
- **Increase in per cent of institutes ranked:** The participating institutions constitute nearly 50 per cent of total pharmacy institutions in the country (857 pharmacy institutions that are AICTE approved in 2022-23).
- **Top ranked pharmacy institutes across categories:** National Institute of Pharmaceutical Education and Research, Hyderabad has topped the category. Birla Institute of Technology & Science, Pilani, at rank three is the top private institution in the category. The top three private institutions from NIRF rankings 2022 continue to retain their spots NIRF 2023. Institute of Chemical Technology, Mumbai jumped from rank seven (2022) to rank five (2023).

Public institutions	Rank		Private Institutions	Rank
National Institute of Pharmaceutical Education and Research, Hyderabad	1		Birla Institute of Technology & Science	3
Jamia Hamdard	2		JSS College of Pharmacy	4
Institute of Chemical Technology, Mumbai	5		Manipal College of Pharmaceutical Sciences, Manipal	9

- **Affiliated colleges claim majority in top 100:** 37 of the top 100 institutions are affiliated colleges, followed by 23 private universities (deemed/state private), and 19 public universities (state public/ govt/ govt aided)



- **Variation in scores by rank band:** Within 1- 10 ranks, the variation between minimum and maximum scores is around 9.95, while the score variation decreases in ranks beyond 20. For instance, the institutions in the rank band 91-100 are separated by a score of only around 1.45. The graph below shows the spread of scores by rank band:

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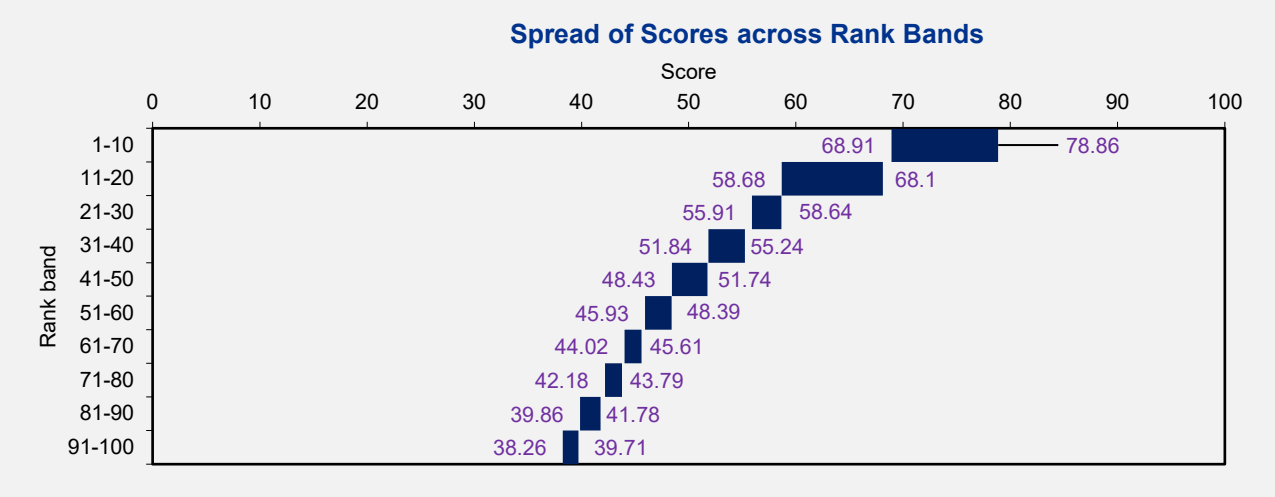
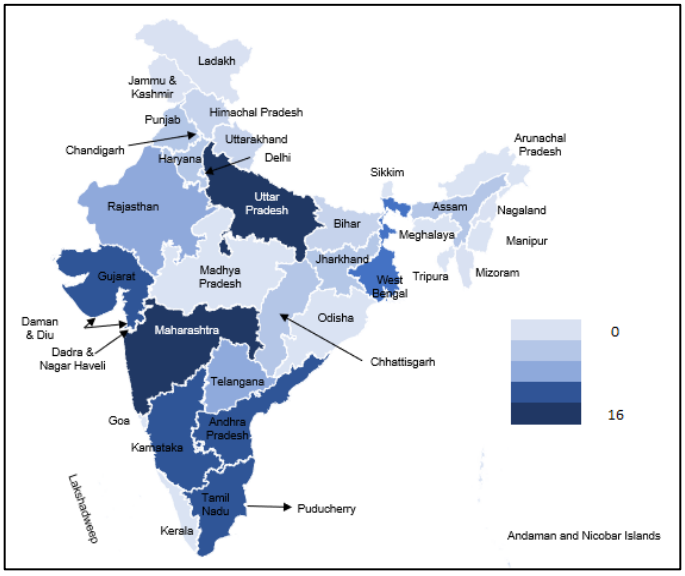


- **Maharashtra and Uttar Pradesh dominate top 100:** Maharashtra continues to dominate in pharmacy rankings, with 16 institutions from the state featuring in top 100 (same as last year). Uttar Pradesh takes the second spot over Tamil Nadu with 11 and nine institutes in top 100, respectively.

State wise distribution of top 100 pharmacy institutions



Map indicative only

State	Number of institutions in the top 100	
	2023	2022
Maharashtra	16	16
Uttar Pradesh	11	9
Tamil Nadu	10	11
Andhra Pradesh	9	9
Karnataka	7	9
Gujarat	7	6
Telangana	5	6
Rajasthan	5	5
Haryana	4	6
West Bengal	4	2
Delhi	2	2
Assam	2	2
Others	18	15

- There are nine new entries in the top 100 ranking, compared that of NIRF 2022. Out of these, five of them are new applicants, Amongst the overall **nine new entrants, six are in top 75;** out of which four institutions applied for NIRF 2022 as well but were not ranked and the remaining two institutions are first-time applicants. Details of new entrants are provided in table below:

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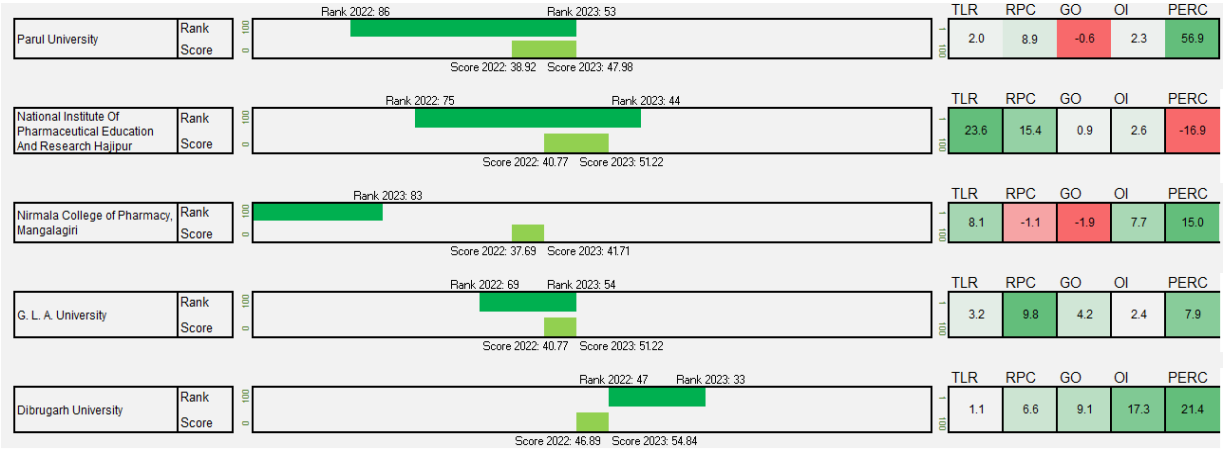
Name of the institute	Type of institution	City	2023 rank	2022 rank
Babasheb Bhimrao Ambedkar University	Central University	Lucknow	20	Participated, but not ranked
AU College of Pharmaceutical Sciences, Andhra University	Constituent / University College	Visakhapatnam	22	Participated, but not ranked
Central University of Rajasthan	Central University	Kishangarh	27	Did not participate
National Institute of Pharmaceutical Education and Research Kolkata	Institute of National Importance	Kolkata	32	Participated, but not ranked
Sharda University	State Private University	Greater Noida	62	Did not participate
Gujarat Technological University	State Public University	Ahmedabad	71	Participated, but not ranked

- **Three new entrants in 76-100 rank:** All the three new entrants were the first-time applicants this year. Details of new entrants are provided in table below:

Name of the institute	Type of institution	City	2023 rank	2022 rank
Himalayan Pharmacy Institute	Affiliated College	East Sikkim	98	Participated, but not ranked
Maharaja Ranjit Singh State Technical University	State Public University	Bathinda	99	Participated, but not ranked
Dr. B. C. Roy College of Pharmacy and Allied Health Sciences	Affiliated College	Durgapur	100	Participated, but not ranked

- **Institutions showing an improvement in rankings:** Overall, 33 institutions have seen a climb in their rankings, whereas six institutions have maintained their ranks, as compared to 2022. Parul University and National Institute of Pharmaceutical Education and Research Hajipur have seen a significant jump of 33 and 31 ranks to rank 53rd and 44th respectively in NIRF 2023 ranks for Pharmacy category. The five institutions which have climbed maximum number of ranks from 2022 are shown below along with the change in parameter scores. Three out of these five institutions here have seen a significant improvement in the perception scores.



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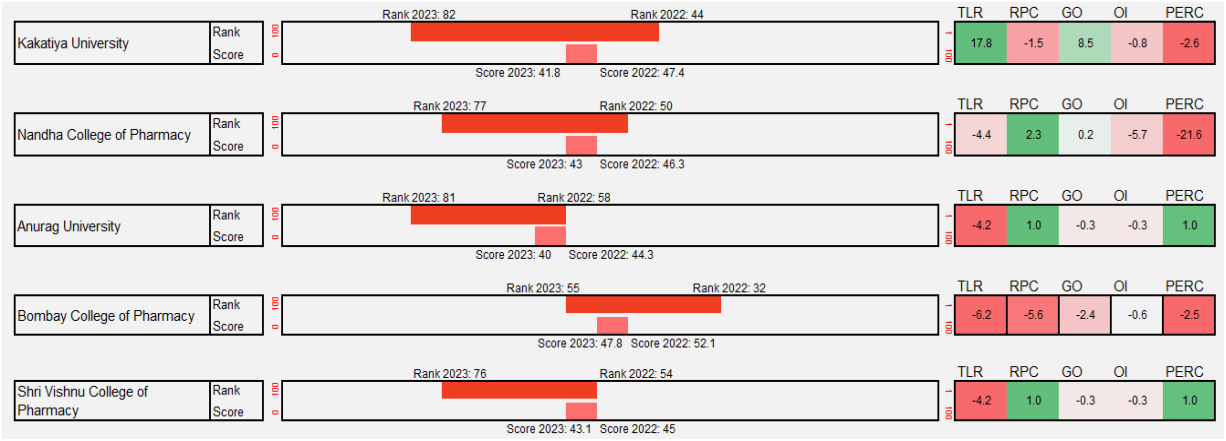
- **Institutions with decline in ranking:** Overall 52 institutions have seen a decline in their rankings compared to 2022, with 37 institutions falling in rankings within top 75 (compared to 2022 rankings). Kakatiya University has seen a big drop of 38 ranks followed by Nandha College of Pharmacy with a drop of 27 ranks. The institutions which have declined maximum number of ranks from 2022 are shown below along with their change in parameter scores.



Note: The values for the parameters are the differences between the scores in 2023 and 2022

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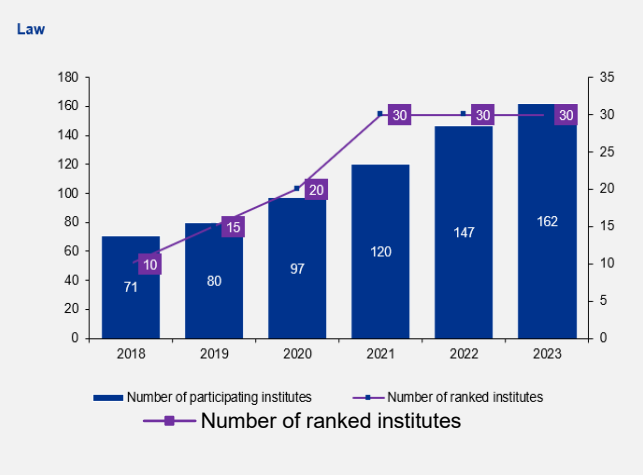
Highlights of NIRF 2023 – Law category

- **The number of ranked institutions as well as the number of participating institutes have been increasing year on year:**

  Since the introduction of law as a category in 2018, the number of participating institutions has increased from 71 to 162 in 2023.

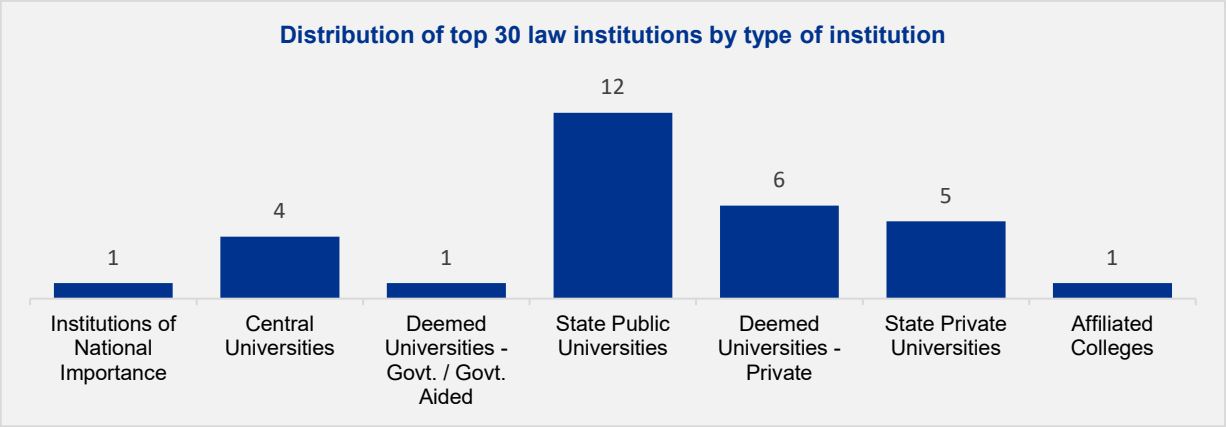
  162 institutions have applied in 2023, out of which top 30 have been ranked. In 2022 as well, the top 30 were ranked out of 147 applications.



- **Improvement in rankings of Private universities:** While National Law School of India University (NLSIU), Bengaluru and National Law University (NLU), Delhi continue to occupy the top two spots, NALSAR University of Law, Hyderabad has entered the top three band, moving up from the fourth rank. Overall, eleven private institutions are ranked in the top 30 under the law category

Public institutions	Rank		Private institutions	Rank
National Law School of India University, Bengaluru	1		Symbiosis Law School, Pune	6
National Law University, New Delhi	2		Siksha `O` Anusandhan	8
NALSAR University of Law, Hyderabad	3		Saveetha Institute of Medical and Technical Sciences	11

- **State public universities dominate the rankings:** The rankings continue to be dominated by state public universities (12 in top 30) similar to the trend seen in previous editions of NIRF rankings, although the total (12) is down from 14 last year (NIRF 2022).



- **Variation in scores across rank bands:** The spread of scores drops from the top rank bands (1-5 and 6-10) to the lower ones (16-20, 21-25, 26-30) indicating that minor changes in scores among rank band 11-15, 16-20, 21-25 and 26-30 can lead to a higher jump in ranks.

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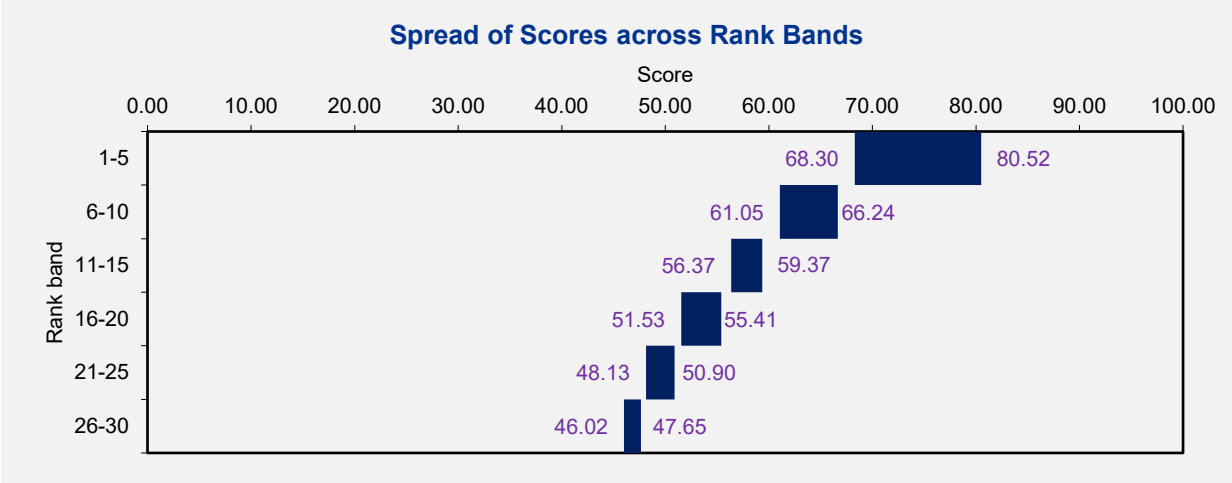
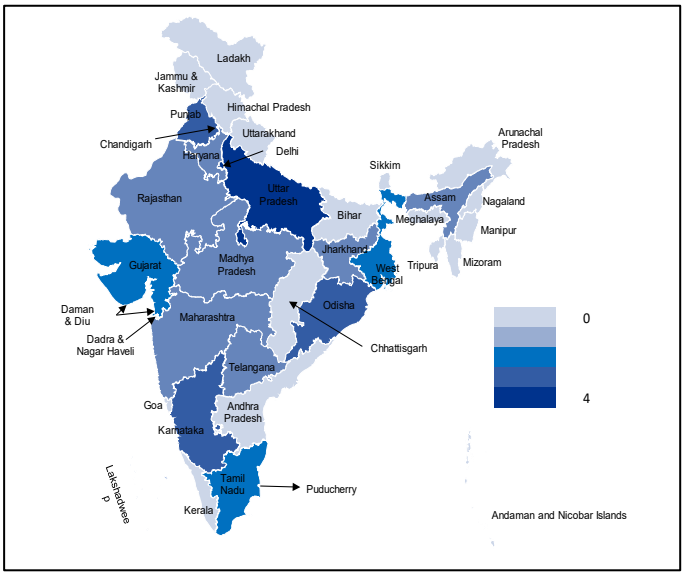


State-wise distribution of top 30 law institutions



Map indicative only

State	Number of institutions in the Top 30	
	2023	2022
Delhi	4	4
Uttar Pradesh	4	3
Odisha	3	3
Punjab	3	3
Karnataka	3	2
Tamil Nadu	2	2
West Bengal	2	2
Gujarat	2	1
Maharashtra	1	1
Telangana	1	1
Haryana	1	1
Madhya Pradesh	1	1
Jharkhand	1	1
Rajasthan	1	1
Assam	1	1
Uttarakhand	0	1
Others	0	2

- **Top eight universities are concentrated in Northern India –** Ranked law institutes in Delhi and Uttar Pradesh (four each) are all centrally funded or state public universities. However, in Odisha, Karnataka and Tamil Nadu, more private universities have made it to the top ranks.
- **There are four new entrants in top 30** which include three Private Universities and one Central University.
- **There is a significant change in the institute rankings** with eight out of 11 private universities moving up in ranks including three new entrants. While five public universities have improved their rankings and two hold their existing rankings, ranks of six public universities have slipped down compared to NIRF 2022.

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Institute	City	Rank in 2023	Rank in 2022	Change
National Law School of India University	Bengaluru	1	1	
National Law University	New Delhi	2	2	
Nalsar University of Law	Hyderabad	3	4	▲
The West Bengal National University of Juridical Sciences	Kolkata	4	5	▲
Jamia Millia Islamia, New Delhi	New Delhi	5	7	▲
Symbiosis Law School	Pune	6	3	▼
Gujarat National Law University	Gandhinagar	7	8	▲
Siksha `O` Anusandhan	Bhubaneswar	8	9	▲
Indian Institute of Technology Kharagpur	Kharagpur	9	6	▼
Babasaheb Bhimrao Ambedkar University	Lucknow	10	-	New Entrant
Saveetha Institute of Medical and Technical Sciences	Chennai	11	14	▲
Kalinga Institute of Industrial Technology	Bhubaneswar	12	11	▼
Christ University	Bengaluru	13	16	▲
Aligarh Muslim University	Aligarh	14	12	▼
Shanmugha Arts Science Technology & Research Academy	Thanjavur	15	19	▲
Lovely Professional University	Phagwara	16	13	▼
Indian Law Institute	New Delhi	17	29	▲
National Law Institute University, Bhopal	Bhopal	18	15	▼
Guru Gobind Singh Indraprastha University	New Delhi	19	23	▲
The Rajiv Gandhi National University of Law, Patiala	Patiala	20	18	▼
Dr Ram Manohar Lohiya National Law University, Lucknow	Lucknow	21	17	▼
Banaras Hindu University	Varanasi	22	20	▼
Amity University Haryana, Gurgaon	Gurugram	23	27	▲
National University of Study & Research in Law	Ranchi	24	22	▼
Alliance University	Bengaluru	25	-	New Entrant
Army Institute of Law, Sector-68	Mohali	26	26	
Nirma University	Ahmedabad	27	-	New Entrant
National Law University and Judicial Academy	Kamrup	28	24	▼
Manipal University Jaipur	Jaipur	29	-	New Entrant
National Law University	Cuttack	30	25	▼

- **Institutions with an improvement in rankings:** Overall, eleven institutions have seen a climb in their rankings whereas three institutions have maintained their ranks, as compared to 2022. Indian Law Institute has seen a significant movement of 12 ranks. Shanmugha Arts Science Technology & Research Academy, Guru Gobind Singh Indraprastha University and Amity University, Haryana, Gurgaon have moved up by four ranks. There are two government institutions and two private institutions amongst the four big movers.

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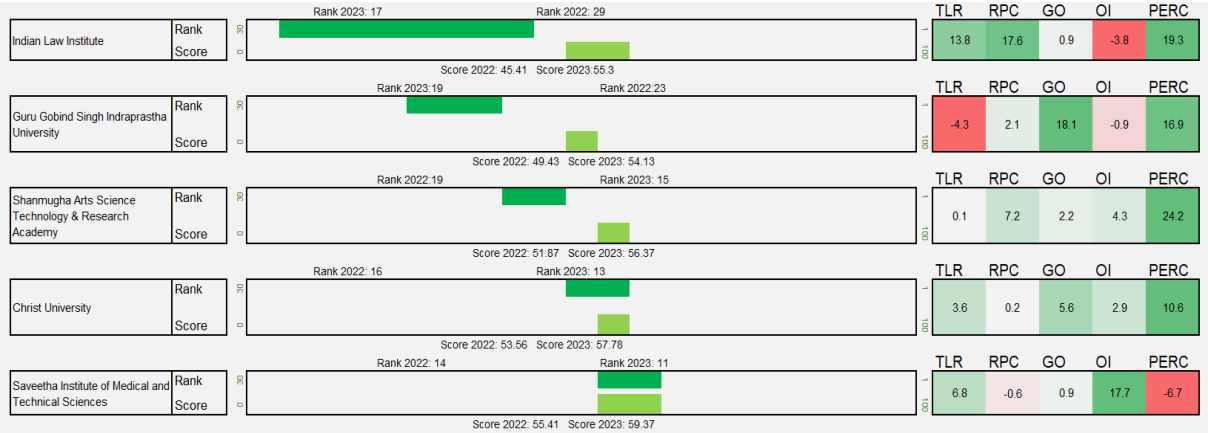
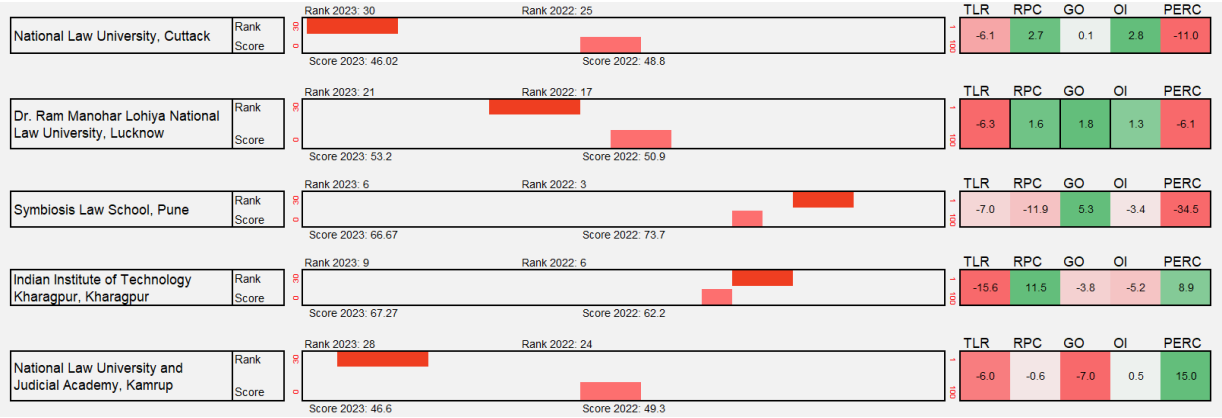


Note: The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

- **Institutions with a decline in rankings:** Overall, 12 institutions have seen a drop in their rankings compared to 18 in NIRF 2022. National Law University, Cuttack has seen a drop of five ranks. National Law University and Judicial Academy, Kamrup; and Dr. Ram Manohar Lohiya National Law University, Lucknow have seen a drop of four ranks, respectively.



Note: The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

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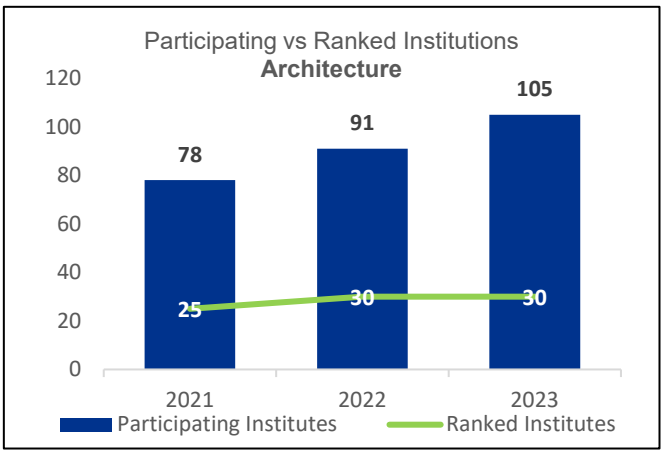
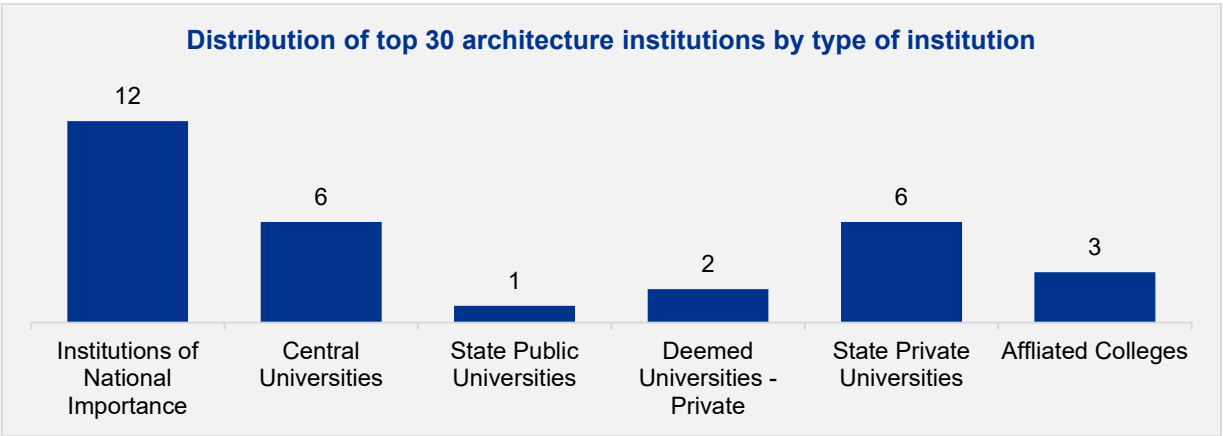
Highlights of NIRF 2023 – Architecture category



- **Total number of participating institutions:** Since the introduction of architecture as a category in 2018, the number of participating institutions has seen a steady rise. The category started with 59 institutions participating in 2018, which has grown to 105 institutions in 2023.
- 105 institutions have applied in 2023 out of which top 30 institutions have been ranked. In 2022 as well, the top 30 institutions were ranked out of the 91 applications.
- **IIT Roorkee, NIT Calicut and IIT Kharagpur continue their dominance at the top occupying the first three positions in that order**. Seven out of the top 10 from 2022 rankings retained their positions in 2023 rankings.
- Every institute in the top 10 was a public institute in the 2022 rankings and in **2023 the category saw the first private entrant in top 10,** Centre for Environmental Planning and Technology University, Ahmedabad with seventh rank.
- The top performers for NIRF 2023 in the architecture category are as follows:

Public institutions	Rank	Private institutions	Rank
Indian Institute of Technology, Roorkee	1	Centre for Environmental Planning and Technology University	7
National Institute of Technology, Calicut	2	S.R.M. Institute of Science and Technology	14
Indian Institute of Technology, Kharagpur	3	Chandigarh University	15

- **Institutes of National Importance are in majority in top 30:** Nearly 40 per cent of the ranked institutes (12 out of 30) are Institutes of National Importance. The same 12 institutes were present in the top 30 of the NIRF 2022 rankings as well.



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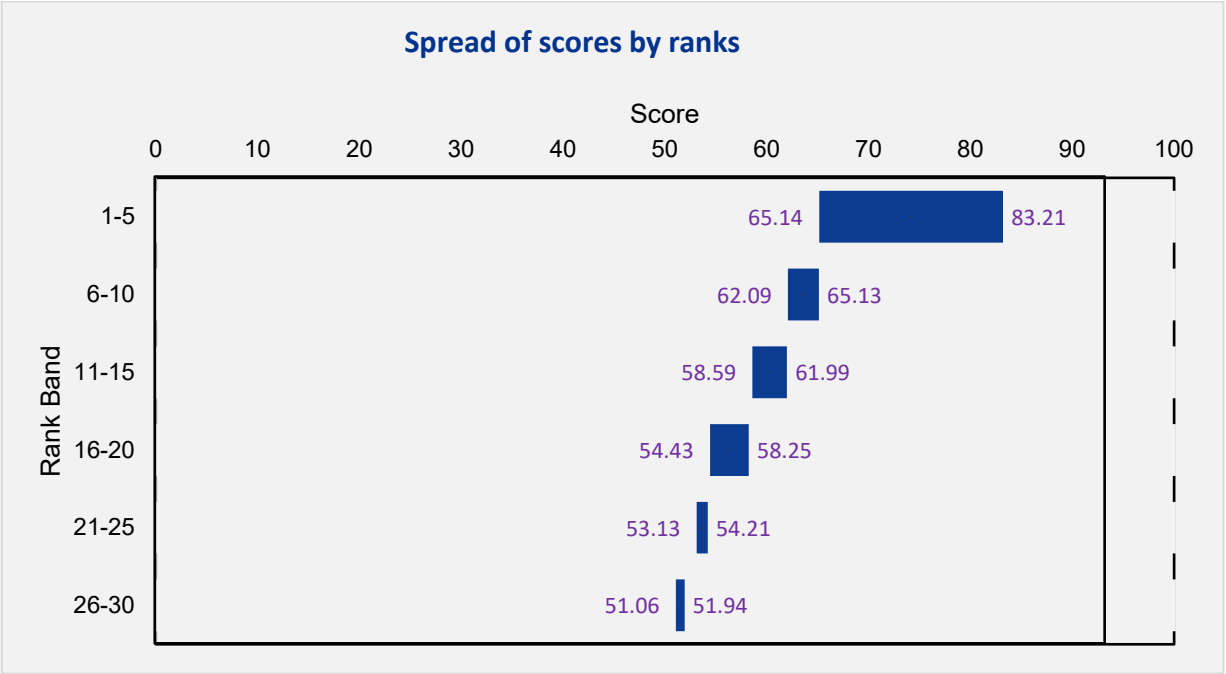
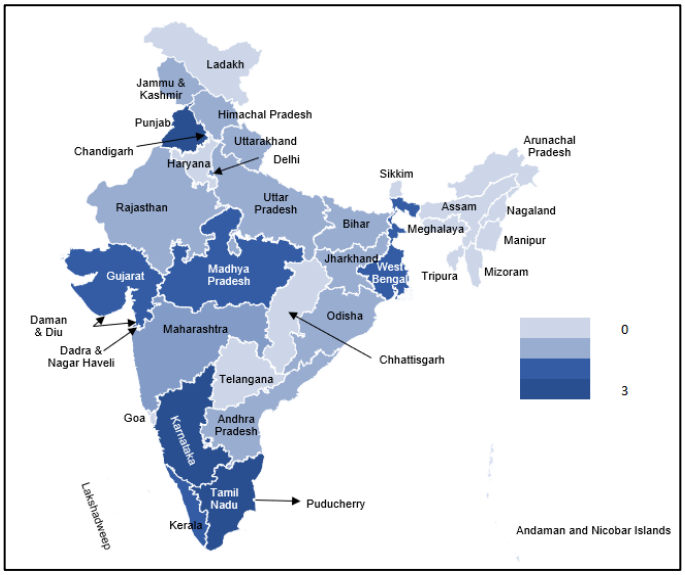
- **Variation in scores:** For the top five ranks, the variation between minimum and maximum scores is around 18.07 marks. For institutions in the lower rank band 6–30, a small shift in score would result in a significant increase or decrease of their ranking due to small deviations in scores in these rank bands



State-wise distribution of Ranked Architecture Institutions



Map indicative only

State	Number of institutions in top 30	
	2023	2022
Tamil Nadu	3	6
Punjab	3	3
Karnataka	3	3
Delhi	2	3
Kerala	2	2
West Bengal	2	2
Madhya Pradesh	2	2
Gujarat	2	1
Uttarakhand	1	1
Andhra Pradesh	1	1
Jharkhand	1	1
Uttar Pradesh	1	1
Himachal Pradesh	1	1
Maharashtra	1	1
Jammu & Kashmir	1	1
Others	3	1

- **The top 30 institutions in the category are distributed across 19 states with three institutions from Tamil Nadu, Punjab, and Karnataka each**. Delhi, Kerala, West Bengal, Madhya Pradesh, and Gujarat are next with each state having two institutions in the top 30 of NIRF 2023 rankings.

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- **There are four new entrants in the list:** While the top three ranking institutions remained the same as those from 2022 ranking, the rest of the rankings witnessed a shuffle. There are four new entrants. Two new entrants made it in top 10 ranks at seventh and eighth place which are Centre for Environmental Planning and Technology University, Ahmedabad, and the National Institute of Technology Rourkela, respectively.

Name	City	2023 Rank	2022 Rank	Change
Indian Institute of Technology Roorkee	Roorkee	1	1	
National Institute of Technology Calicut	Kozhikode	2	2	
Indian Institute of Technology Kharagpur	Kharagpur	3	3	
National Institute of Technology Tiruchirappalli	Tiruchirappalli	4	5	▲
School of Planning and Architecture New Delhi	New Delhi	5	4	▼
Jamia Millia Islamia, New Delhi	New Delhi	6	9	▲
Centre for Environmental Planning and Technology University	Ahmedabad	7	NA	New Entrant
National Institute of Technology Rourkela	Rourkela	8	NA	New Entrant
Aligarh Muslim University	Aligarh	9	13	▲
Indian Institute of Engineering Science and Technology, Shibpur	Howrah	10	6	▼
School of Planning and Architecture Bhopal	Bhopal	11	10	▼
Visvesvaraya National Institute of Technology, Nagpur	Nagpur	12	8	▼
Malaviya National Institute of Technology	Jaipur	13	NA	New Entrant
S.R.M. Institute of Science and Technology	Chennai	14	11	▼
Chandigarh University	Mohali	15	19	▲
Lovely Professional University	Phagwara	16	12	▼
College of Engineering Trivandrum	Thiruvananthapuram	17	14	▼
School of Planning & Architecture, Vijayawada	Vijayawada	18	7	▼
National Institute of Technology Patna	Patna	19	30	▲
Birla Institute of Technology	Ranchi	20	25	▲
BMS College of Architecture	Bengaluru	21	18	▼
Nirma University	Ahmedabad	22	21	▼
M. S. Ramaiah Institute of Technology	Bengaluru	23	17	▼
Maulana Azad National Institute of Technology	Bhopal	24	20	▼
Manipal School of Architecture and Planning, MAHE	Udupi	25	15	▼
Shri Mata Vaishno Devi University	Katra	26	16	▼
M. G. R. Educational and Research Institute	Chennai	27	28	▲
National Institute of Technology Hamirpur	Hamirpur	28	26	▼
Chandigarh College of Architecture Sector-12	Chandigarh	29	NA	New Entrant
Chitkara University	Rajpura	30	22	▼

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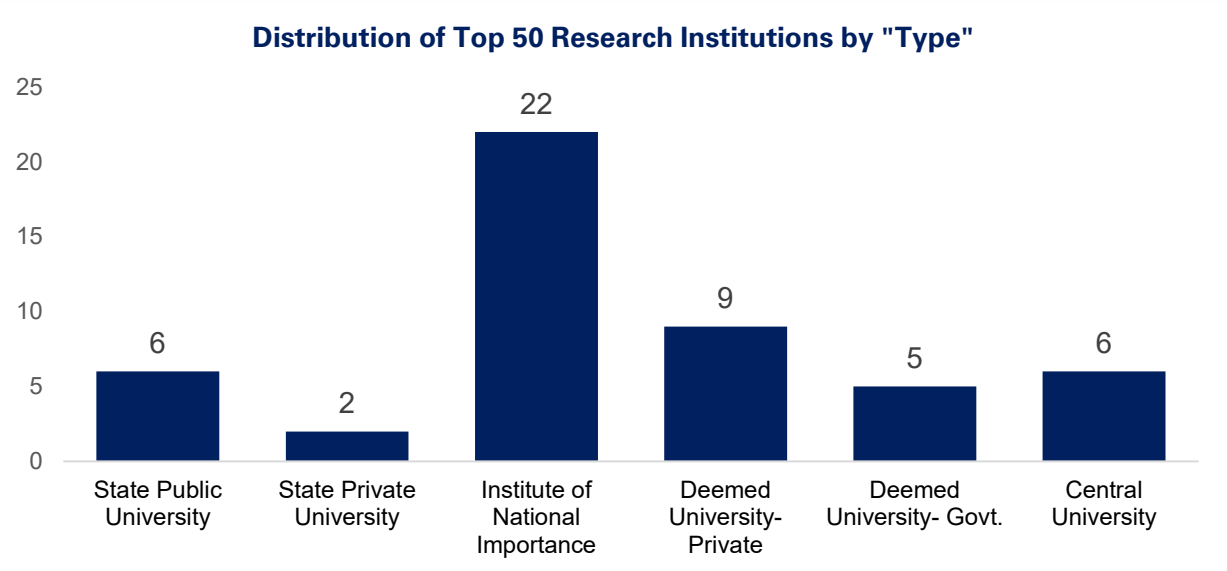
Highlights of NIRF 2023 – Research category

- **Total Number of participating institutions:** This category was introduced in 2021 in the NIRF rankings and in the third edition of research category rankings, a total of 50 institutions have been ranked.
- The methodology used for evaluation of institutes under research categories are different from other categories. The parameters used to evaluate are Quantitative Research, Qualitative Research, Student & Faculty Contribution, Outreach & Inclusivity and Perception.
- The top ranked public and private institutions in the research category are as follows:

Public Institutions	Rank	Private Institutions	Rank
Indian Institute of Science	1	Vellore Institute of Technology	11
Indian Institute of Technology Madras	2	Manipal Academy of Higher Education	25
Indian Institute of Technology Delhi	3	Birla Institute of Technology & Science, Pilani	26

- Research specific institutions like Tata Institute of Fundamental Research (10), Academy of Scientific & Innovative Research (12) and Homi Bhabha National Institute (15) have participated and have been ranked among the top 50 institutions under research category.
- Public institutions claim majority in top 50 rankings: 39 of the top 50 institutions are public institutions in the top 50 ranking. 'Institutions of National importance' category contributes to around 50 per cent (~22 institutions) of the top 50 institutions in research category. The distribution is as below:



- **Variation in scores:** For the 1-5 and 6-10 rank bands, the variation between minimum and maximum scores is huge, around 14.59 and 8.67 marks. For institutions in the lower rank band 11–50, a small shift in score would result in a significant increase or decrease of their ranking due to small deviations in scores in these rank bands.

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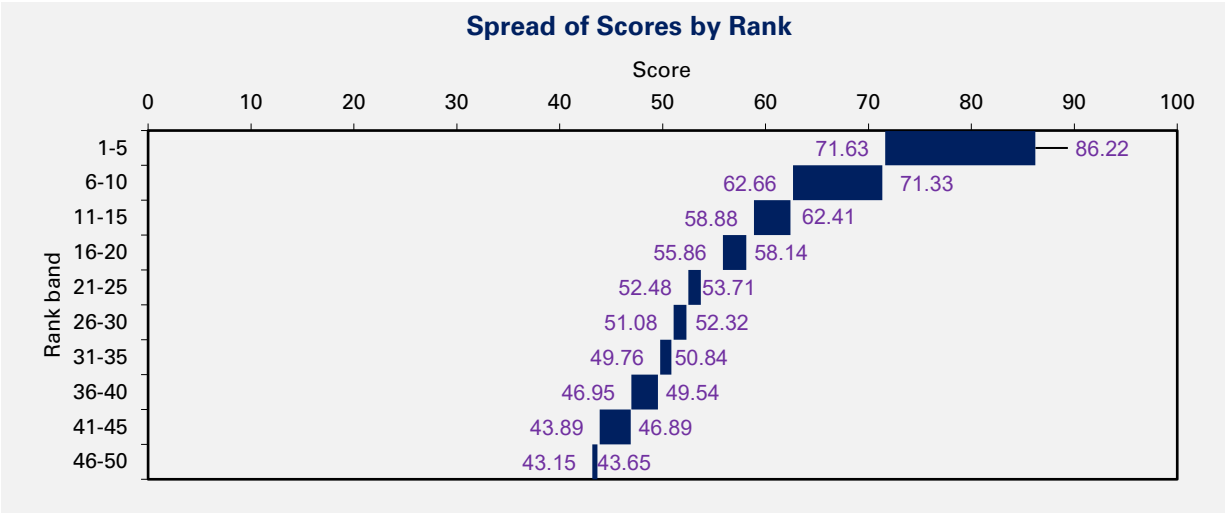
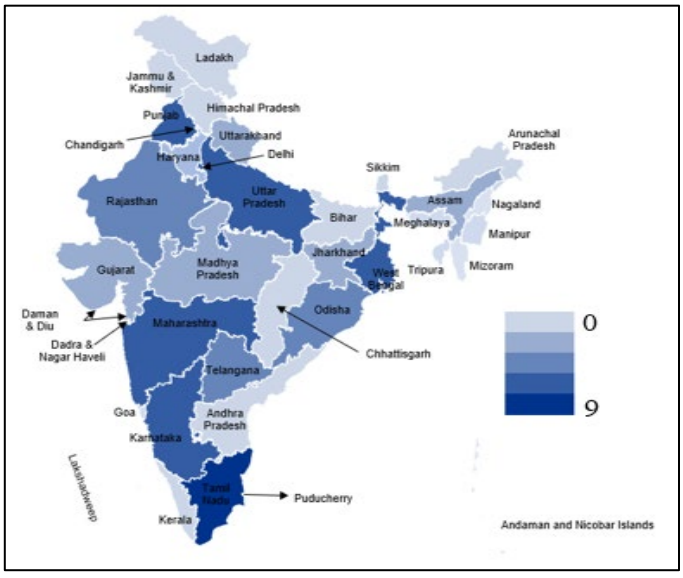


- **Tamil Nadu has strong dominance in the research category with nine institutions** featuring in the top 50. This is followed by Delhi, Uttar Pradesh, and Maharashtra with each having around five institutions in the top 50 in NIRF 2023 rankings.

State-wise distribution of Ranked Research Institutions



Map indicative only

State	No. of institutions in Top 50	
	2023	2022
Tamil Nadu	9	10
Maharashtra	5	5
Delhi	5	5
Uttar Pradesh	5	5
Karnataka	5	3
West Bengal	4	4
Punjab	4	1
Odisha	3	4
Rajasthan	2	2
Telangana	2	2
Madhya Pradesh	1	2
Uttarakhand	1	1
Assam	1	1
Jharkhand	1	1
Chandigarh	1	1
Gujarat	1	1
Others	0	2

- **There are seven new entrants in the list:** Though the number of ranked institutions remained the same as previous year (50), seven new institutions were ranked in the NIRF 2022 rankings, replacing seven other institutions.

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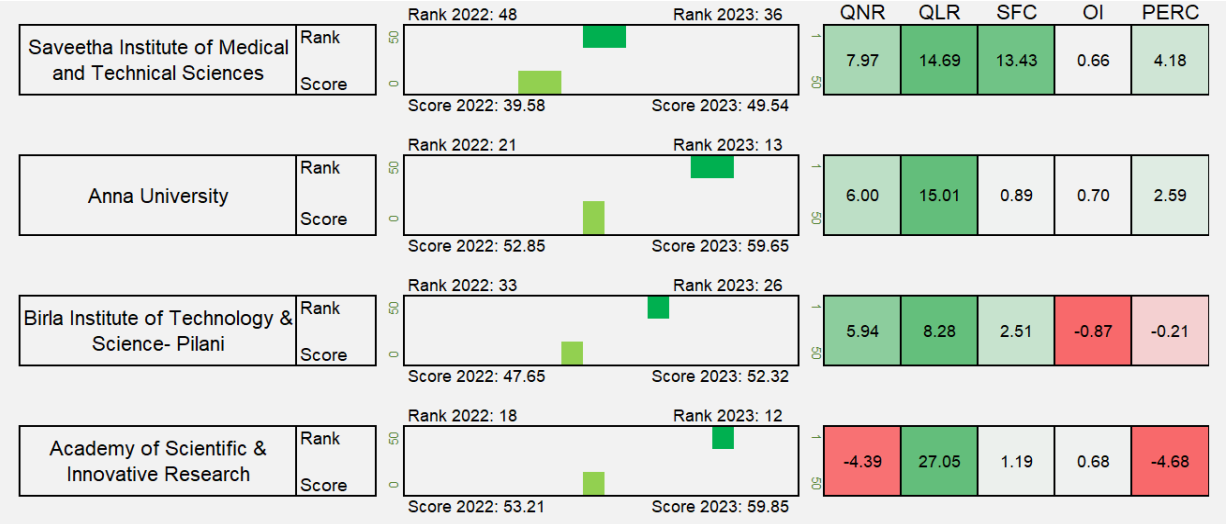
Name of the Institute	Type of institution	City	2023 rank	2022 rank
Indian Institute of Technology Guwahati	Institute of National Importance	Guwahati	9	NA
Jawaharlal Nehru Centre for Advanced Scientific Research	Deemed University-Government	Bengaluru	30	NA
Calcutta University	State Public University	Kolkata	35	NA
National Institute of Technology Karnataka, Surathkal	Institute of National Importance	Surathkal	41	NA
Lovely Professional University	State Private University	Phagwara	42	NA
Indian Institute of Technology Ropar	Institute of National Importance	Rupnagar	46	NA
Indian Institute of Science Education & Research, Mohali	Institute of National Importance	Mohali	50	NA

- **Institutions with increase in ranking:** Overall 13 institutions have seen an increase in their rankings compared to 2022. Saveetha Institute of Medical and Technical Sciences has moved up by 12 ranks followed by Anna University that has moved up eight ranks. The institutions that have seen the highest upward movement in ranks compared to NIRF 2022 are shown below along with their change in parameter scores.



Note: The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

- **Institutions with decline in ranking:** Overall 23 institutions have seen a decline in their rankings compared to 2022. Bharathiar University has seen a drop of 16 ranks followed by Institute of Chemical Technology with a drop of 12 ranks from NIRF 2022 rankings. The institutions that have seen the maximum decline in ranks from 2022 are shown below along with their change in parameter scores.

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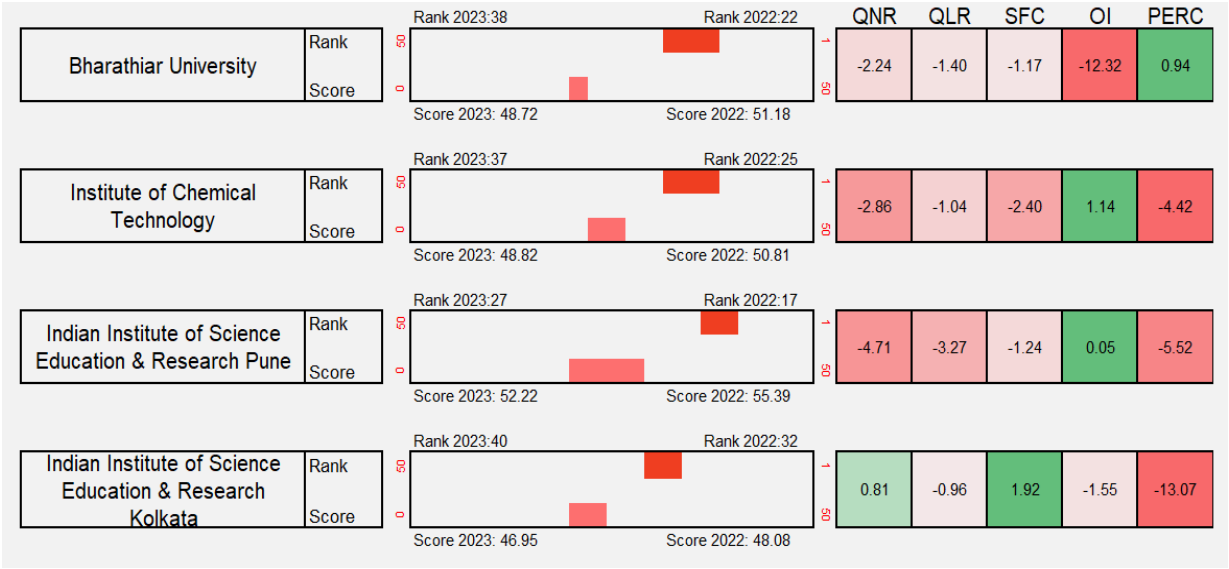

Note: The values for the parameters (on the right) are the differences between the scores in 2023 and 2022

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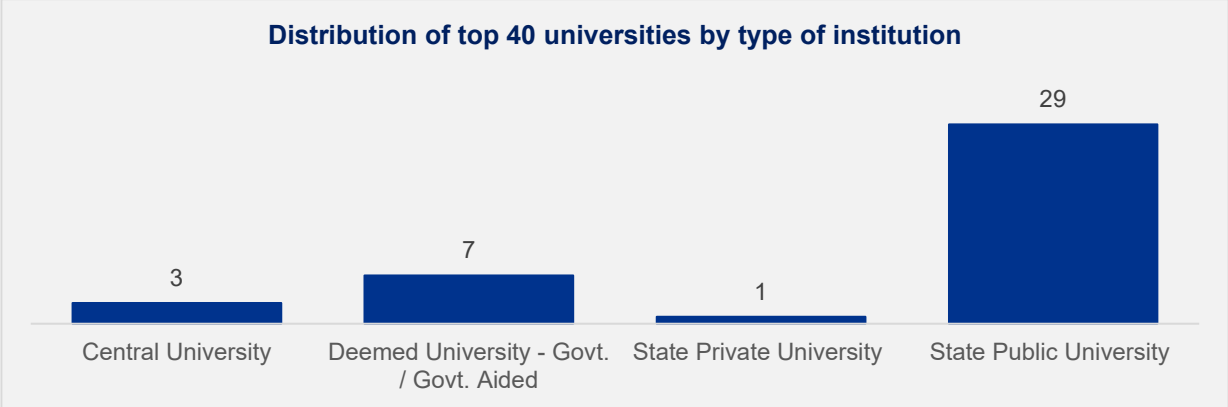
Highlights of NIRF 2023 – Agriculture and Allied Sectors category

- In the NIRF 2023 rankings, a new category called 'Agriculture and Allied Sectors' has been introduced, **attracting participation from 152 institutes**. However, only the **top 40 ranks** have been awarded in this category.
- The evaluation methodology used for institutes in the Agriculture and Allied Sector category is similar to that of other categories (with the exception of Research Institutions). The evaluation parameters are **TLR, RP, GO, OI and PR.**
- **Top-ranked Institutions:** The NIRF 2023 rankings for the Agriculture and Allied Sector category revealed that public institutions have dominated the list. Out of the top 40 ranked institutions. The top five institutes in this category are highlighted below. Lovely Professional University, ranked at number 27, is the only private university featuring in the list.

Public Institutions	Rank
Indian Agricultural Research Institute, New Delhi	1
ICAR National Dairy Research Institute, Karnal	2
Punjab Agricultural University, Ludhiana	3
Banaras Hindu University, Varanasi	4
Tamil Nadu Agricultural University, Coimbatore	5

All the institutes capturing a spot in the top 40 are either state public universities, central universities or deemed universities under government control, only one is a state private university



- A significant presence of public institutions in the top ranks signifies **the government's commitment to promoting excellence in agricultural research and education.** Additionally, the presence of a sole state private university in the top 40 **highlights the potential for private institutions to compete in this sector**.

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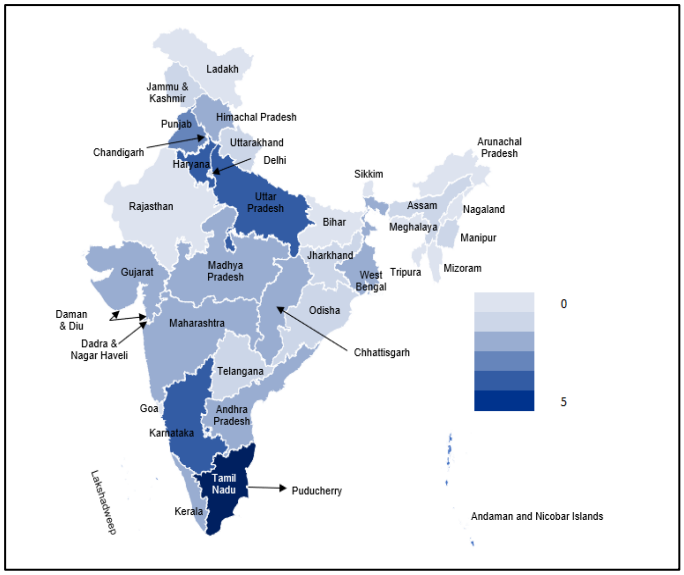
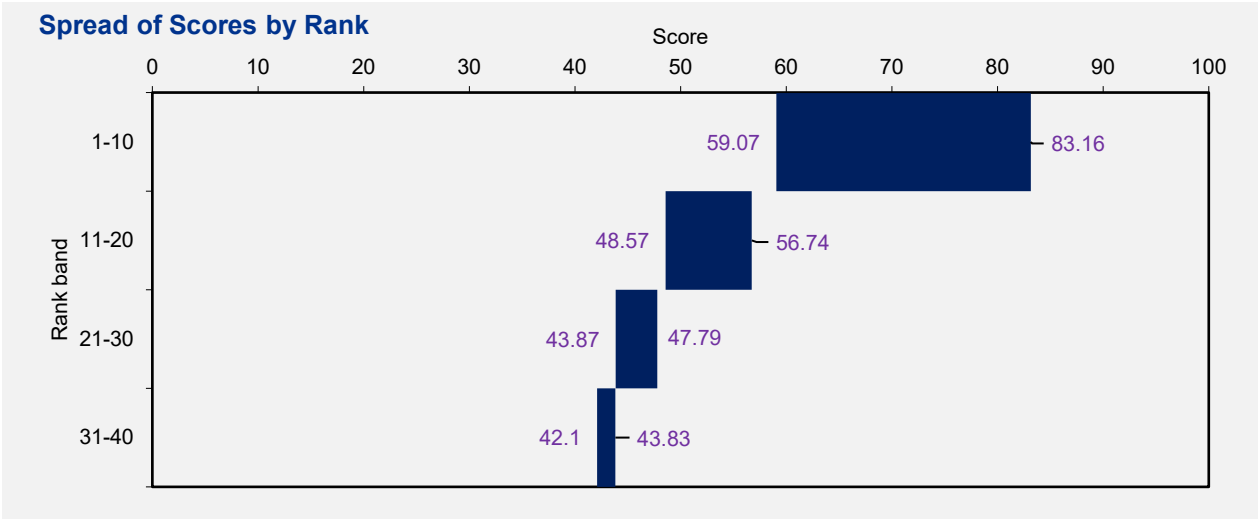
State-wise distribution of top 40 Agriculture and Allied Sector institutions



State	No. of institutions in top 40
Tamil Nadu	5
Haryana	4
Karnataka	4
Uttar Pradesh	4
Punjab	3
Andhra Pradesh	2
Gujarat	2
Himachal Pradesh	2
Kerala	2
Maharashtra	2
West Bengal	2
Assam	1
Bihar	1
Delhi	1
Jammu & Kashmir	1
Manipur	1
Odisha	1
Telangana	1
Uttarakhand	1

- Tamil Nadu dominates the list with five institutions, followed by Haryana, Karnataka, and Uttar Pradesh with four institutions each. However, it is noteworthy that the **top 40 agricultural institutions are distributed across the country**, highlighting the availability of good-quality agricultural education in most states. This accessibility is particularly impactful in a context where majority of the population is dependent on agriculture as primary source of income.

- **Variation in scores by rank band:** Within one to 10 ranks, the variation between minimum and maximum scores is around 24 points, while the score variation decreases in ranks beyond 20. For institutions in the lower rank band 11–40, a small shift in score would result in a significant increase or decrease of their ranking due to small deviations in scores in these rank bands.



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Way forward

The eight consecutive editions of NIRF have seen an increasing number of institutions participating in the rankings. This has resulted in an increased competition between the education institutes, at the same time, has brought about a focus on quality enhancement in the higher education system. Comprising of five curated parameters, the framework has also given a renewed thrust on improving the research outcome of the institutions.

KPMG in India has been interpreting the NIRF results since its inception. We have also been having extensive discussions with many of our clients in the higher education space. Based on our discussions and understanding, we have a few suggestions for further strengthening NIRF. We believe these suggestions could help in bringing more objectivity, promoting competitiveness, and assisting prospective students in their decision-making process when selecting institutions.

1. **Gradual evolution towards a holistic framework:** The framework may gradually evolve to incorporate and assess the institutions on forward-looking outcome-based practices. For instance, demonstration of robust and transparent governance practices, effectiveness of technology integration, interdisciplinary character in research, focus on sustainability, industry exposure to students, etc.

2. **Introduction of sub-category rankings:** The framework may further diversify into sub-category rankings to provide a level playing to distinct types of institutions. Certain categories such as engineering and management see intense competition with over 7-8 varied types of participating institutions. Sub-categorization may be done based on type of ownership (public or private), age of the institution etc.

3. **Expanding the number of subjects**: The framework may be expanded to a wider set of subjects (similar to the leading global ranking frameworks) to improve the relevance of the framework to the students to make informed decisions and the academic community at large.

4. **Stronger monitoring and verification mechanism**: A stronger data collection, validation and verification mechanism shall instill greater confidence among the academic fraternity.

5. **Transition to an integrated ranking and accreditation system**: In line with the NEP, the framework may make a gradual transition towards a single and comprehensive ranking and accreditation system requiring a one-time collection of data and using that for all ranking and accreditation purposes.

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