



National Institutional Ranking Framework (NIRF) 2022

Category-specific ranking analysis

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Guidance note for readers

This is a preliminary report based on National Institutional Ranking Framework (NIRF) Ranking 2022 released by Ministry of Education (MoE) on 15 July 2022.

The report is prepared only on the basis of 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



Foreword- KPMG in India

Institutional rankings are seen as a barometer of quality by different stakeholders associated with higher education. They have become one of the performance yardsticks for higher education institutes (HEIs) to assess their performance as well as compare themselves against their peers. HEIs have started adopting ranking frameworks to provide a structure for their medium to long term planning. Parents and prospective students consider rankings as one of the parameters while choosing an institute to pursue higher education. Employers also look at institute rankings to recruit from top institutions. For the government, rankings have become an important parameter to offer incentives such as eligibility for offering online programmes, empanelment with Study in India application in research schemes, etc. Other ecosystem players such as financial institutions and foreign institutions also place significant importance to rankings. Performance in ranking also builds the HEI's brand by signalling excellence to attract prospective students, quality faculty and industry/international collaborations.

The seventh edition of the National Institutional Ranking Framework (NIRF) was released on 15 July 2022. Since its introduction in 2016, NIRF has grown rapidly in terms of ranking categories as well as participating institutes. Research category is the latest addition (introduced in 2021) and has seen participation from research specific institutions. The ranking methodology has also been evolving with changing times. For example, online education was introduced as one of the parameters in 2021. The methodology for research category is tailor made for the category with significant focus on research parameters and outputs.

This year as well we continue to see Tamil Nadu, Maharashtra, and Delhi having maximum number of top ranked institutions across ranking categories. However, there are some noticeable trends this year which could possibly be attributed to the change in input parameters during COVID-19. A drop has been observed in the average scores of Faculty Student Ratio (FSR), FPPP (Footprint of Projects and Professional Practice) and GPHD (Metric for number of PhD students graduated). However, COVID-19 hasn't had an impact on student migration across states and graduation outcomes in top 100 universities. Another interesting trend to note is the consistent increase in amount of funding for consultancy projects despite the pandemic, with private universities faring better.

This paper captures the key highlights of NIRF 2022 across all 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. The paper has also tried to capture overall parameter and sub parameter trends across categories, with specific focus on the impact of COVID-19.

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
FOE	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

Key Highlights of NIRF 2022

NIRF Ranking 2022 – Key Highlights

The National Institutional Ranking Framework (NIRF) was launched in 2016 for assessing the performance of higher education institutes in India and the seventh edition was released on 15 July 2022.

Categories and participation

Overall, 4,780 institutes** have participated in NIRF 2022

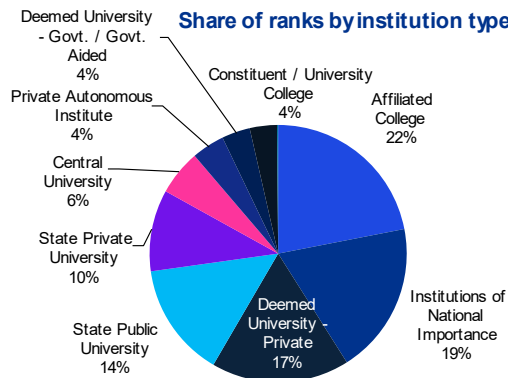


*Numbers indicate participating institutions

**Number of unique institutions

Types of institutions dominating the rankings

Affiliated colleges and Institutions of National Importance (INI) occupy a higher share in rankings compared to other institution types



*includes all categories except 'overall' and 'college'

N= 702 (i.e., Univ - 100, Research - 50, Eng- 200, Pharmacy - 101, Management - 101, Medical - 50, Dental- 40, Law - 30, Arch- 30)

Out of all the ranked institutes,

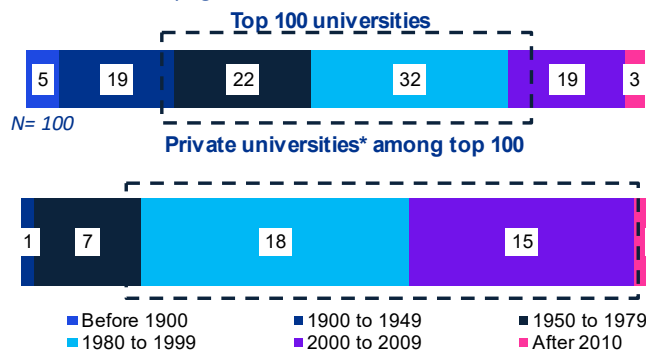
- **Affiliated colleges and institutions of national importance with 22 per cent and 19 per cent each, take the largest share in rankings**
- **Private deemed universities and state public universities come third and fourth**
- **Categories seeing affiliated colleges domination: engineering (62) and pharmacy (42)***
- **Categories seeing institutes of national importance domination: engineering (54), management (30) and research (24)*.**

*Absolute numbers in brackets

Type of institutions dominating the ranking- by age of institution

Institutions established before the year 2000 fare better in rankings

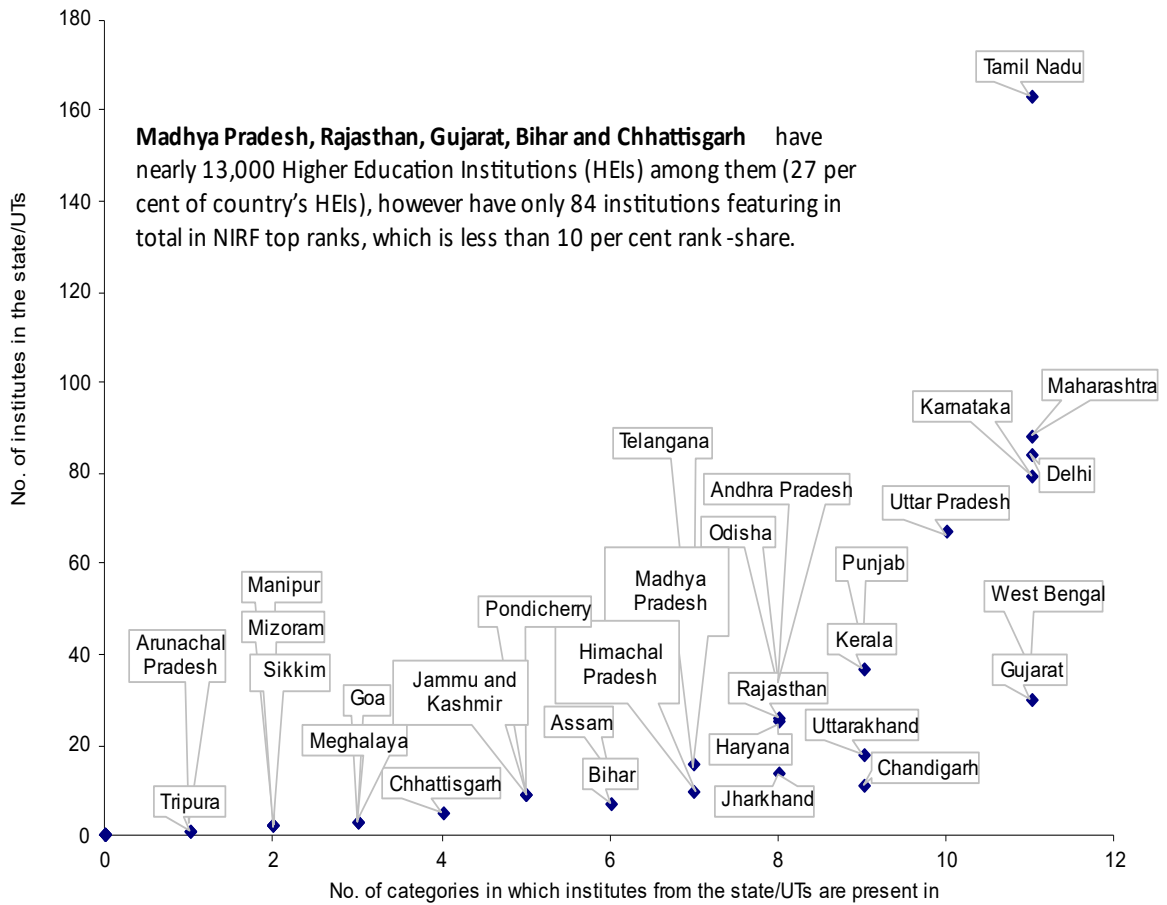
Share of ranks by age of institutions



*includes deemed private and state private universities

- **54 per cent** of the universities among top 100 are established between **1950 and 1999**
- **41 per cent** of the private universities among top 100 are established between **1980 and 1999**
- **Three universities** established **after 2010** (all private- Chandigarh University, Shiv Nadar University and Ashoka University) appeared in the top 100 ranks

No. of institutes and categories States represented in NIRF'22



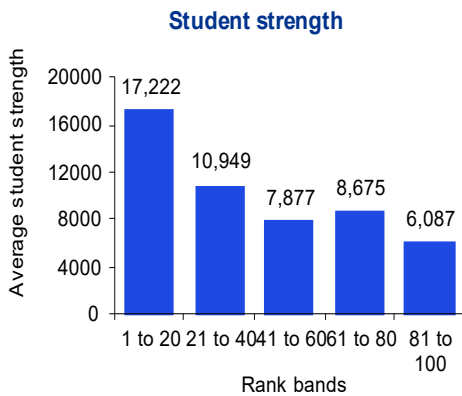
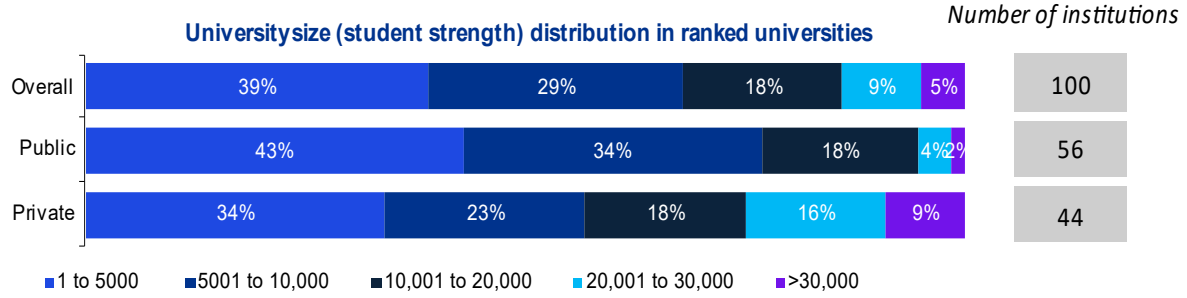
The graph doesn't include the state Nagaland and five union territories (Andaman and Nicobar Islands, Dadra and Nagar Haveli, Daman and Diu, Ladakh and Lakshadweep) that do not have representation in NIRF ranking.

Key observations

- 46%** of the top ranked NIRF institutes are located in four states of India viz. Tamil Nadu, Karnataka, Maharashtra and Delhi
- 163** of the 902 top ranked institutes are located in Tamil Nadu
 - 21% in university, 32% in college, 20% in research institution, 18% in engineering and 20% in architecture categories are from Tamil Nadu
- 81%** of the top ranked colleges are located in Tamil Nadu, Delhi and Kerala
- 16** states and UTs have less than 10 institutes combined across 11 categories

Across the report, 'top ranked' implies number of institutions that have been assigned a rank in that category, i.e., university- 100, engineering- 200, management- 100, colleges- 100, research institutions 50, pharmacy- 100, medical- 50, dental- 40, law- 30 and architecture- 30

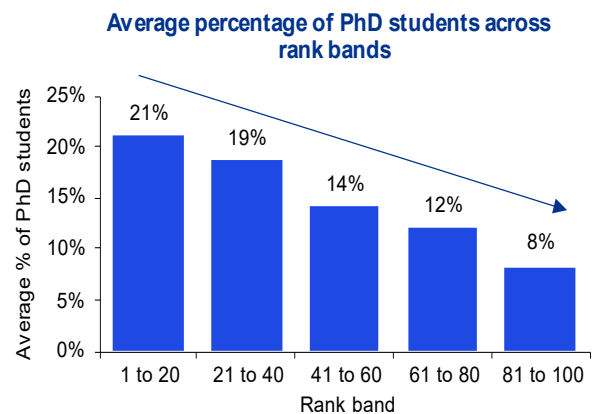
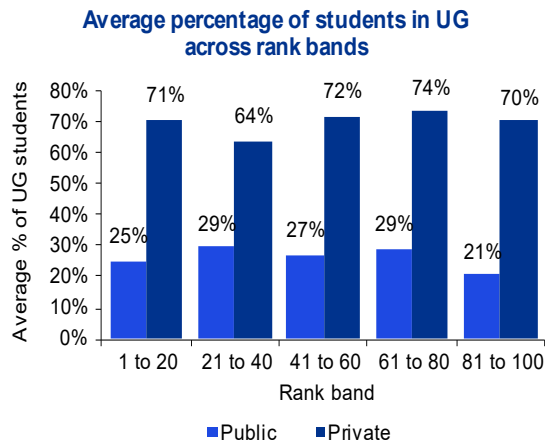
Trends by size of institution *Large universities dominate in rankings, particularly in private space*



- 32%** of the top 100 universities have 10,000+ student strength. This proportion increases to **60 per cent** when the **top 20** universities are considered
- 43%** private universities in top 100 have 10,000+ student strength. **62 per cent private universities in top 50** have 10,000+ student strength
- 68%** public universities in top 100 have <10,000 student strength
- 1** SRM Institute of Science and Technology, Chennai is the only university to have **student strength of >50,000**

UG, PG, PhD trends by institution type and size *Public institutions have a greater focus on PG/PhD compared to private universities, and universities with higher PhD strength fare better in rankings*

52 among top 100 institutes in the university category are postgraduate* focused



N= 44 (private), 56 (public)

- Private universities have a greater focus on UGs compared to public universities

	Public	Private
Average percentage of UG population	26%	70%

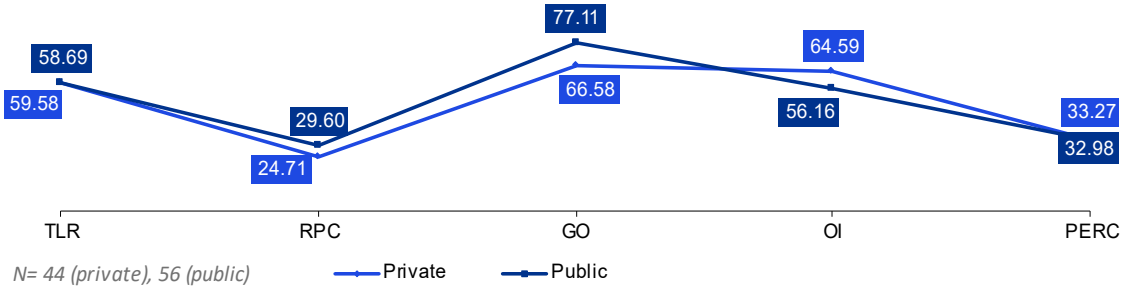
- Further, while the average UG and PG population is independent of rank band, it can be observed that the average PhD population drops across lower rank bands.

**Note: Postgraduate refers to Masters (PG) as well as Doctoral (PhD) programmes. Institutions having a combined PG and PhD strength of greater than 50 per cent of their overall student strength have been classified as postgraduate focused.*

Parameter-wise performance in public vis-à-vis private HEIs

Public institutions fare better by a significant margin in Graduation Outcomes

Average scores of top 100 universities across parameters

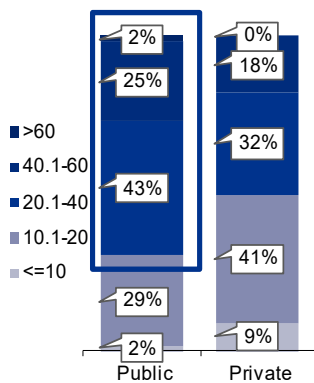


TLR- Teaching Learning Resources | RPC - Research and Professional Practice | GO - Graduation Outcomes | OI - Outreach and Inclusivity | PERC- Perception

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

Performance in RPC

Percentage of institutes across score bands



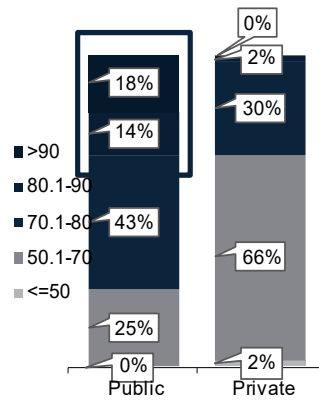
N= 44 (private), 56 (public)

70% Public universities score >20

50% Private universities score >20

Performance in GO

Percentage of institutes across score bands

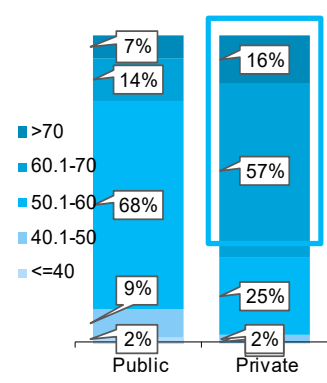


32% Public universities score >80

2% Private universities score >80

Performance in OI

Percentage of institutes across score bands



21% Public universities score >60

73% Private universities score >60

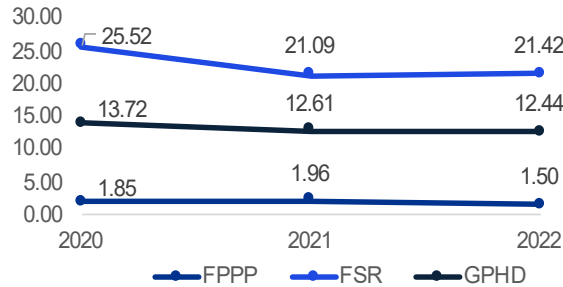
Differences noted in TLR and perception parameters as well:

- **Private universities perform marginally better in TLR:** 52 per cent of private universities scored greater than 60 in TLR compared to 41 per cent of public universities
- **Private universities perform marginally better in perception:** 64 per cent of private universities scored greater than 30 in perception compared to 54 per cent of public universities.

Sub-Parameter-wise performance trends

Among the various sub -parameters, a drop is observed in averages scores on FSR, FPPP, and GPHD in the past two years, possibly attributable to COVID

Average scores of top 100 universities across parameters



FPPP- Footprint of Projects and Professional Practice | FSR - Faculty-student ratio with emphasis on permanent faculty | GPHD-Metric for Number of Ph.D. Students Graduated

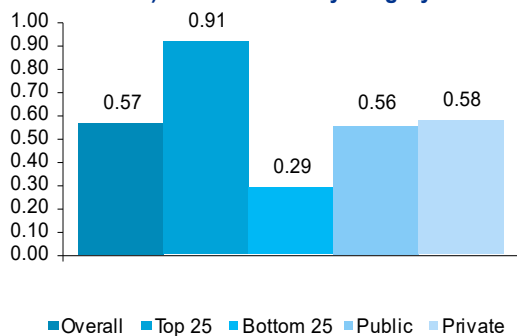
Differences noted in FPPP, FSR and GPHD across different categories:

- **Bottom quartile universities saw relatively lesser drop than top quartile universities in FPPP** 22 per cent drop was observed in the top quartile in FPPP as opposed to 14 per cent drop in FPPP in the bottom quartile
- **Top quartile universities had a significant drop in GPHD as opposed to a rise in score for the bottom quartile universities** 15 per cent drop was observed in GPHD of the top quartile over the past 3 years as opposed to a 9 per cent rise in GPHD score for the bottom quartile universities
- **Private universities performed significantly better than public universities in GPHD for the past 3 years:** 3 per cent rise was observed in public universities' GPHD score as opposed to a significant 19 per cent rise in private universities.

Key trends - capital and operating Expenditure

Private universities spend higher than public universities for both capital and operating expenses

Average Capital Expenditure per student (in INR lakhs) for the university category



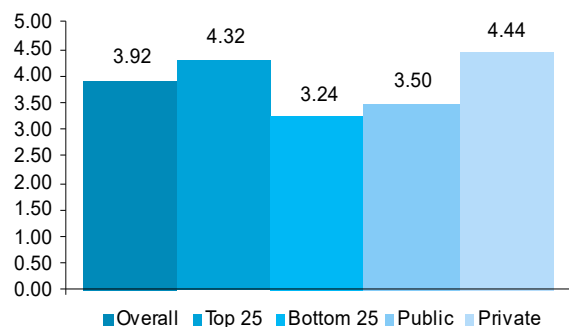
- Capital expenditure per student by the top quartile universities is INR0.91 lakh which is significantly higher **~3.2x** than the bottom quartile universities
- Capital expenditure per student by public universities is INR0.56 lakhs which is marginally higher than private universities.

0.63 The top 100 universities spent INR3.92 lakhs per student on operating expenses in 2020-2021

8.73 Public universities spent INR3.50 lakhs per student on operating expenses in 2020-2021

1.3x Operating expenditure per student by private universities is significantly higher (1.3x) than that of public universities.

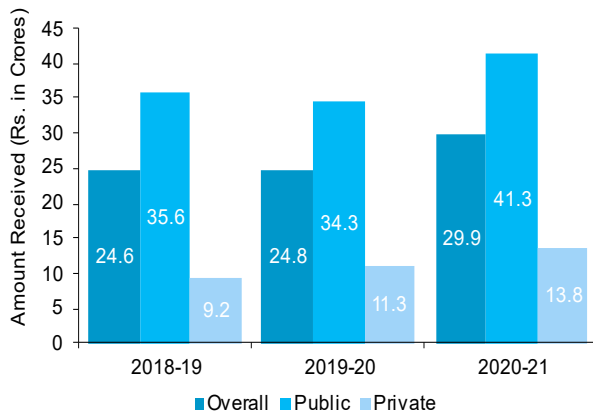
Average Operating Expenditure per student (in INR Lakhs) for the university category, 2020 -21



Key trends - sponsored Research

Value of sponsored research projects is significantly higher for public universities compared to private institutions

Average Amount Received



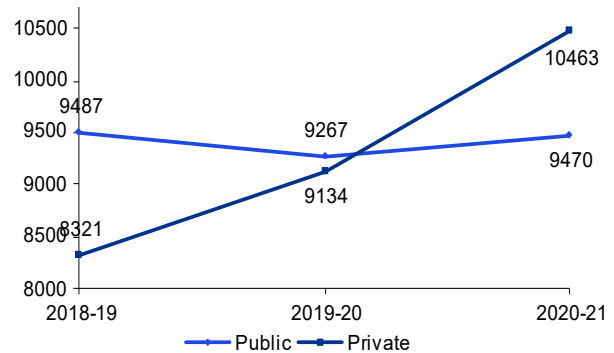
- The number of funding agencies sponsoring private research are **~2.5x** more than the ones financing research in public universities
- Despite that, public universities received almost **3x** the amount secured by private universities
- The average amount received for an individual project has increased by **8.7 per cent** over the last three years, despite the pandemic.

60% of the total funding was received by the **top quartile** of universities in 2020-21

10% Private universities completed **10 per cent** more projects than public universities in 2020-21, likely skewed impact of Covid-19

53 universities completed **lesser number** of projects in 2020-21 compared to their previous year

Total Number of Sponsored Projects in an academic year

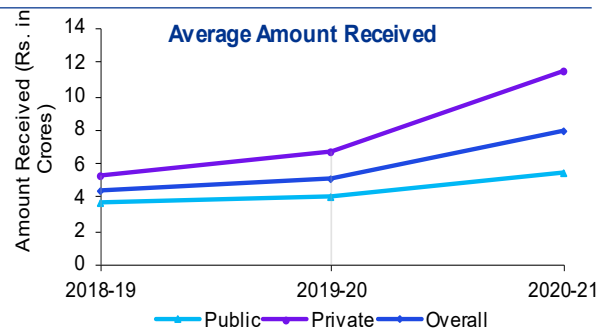
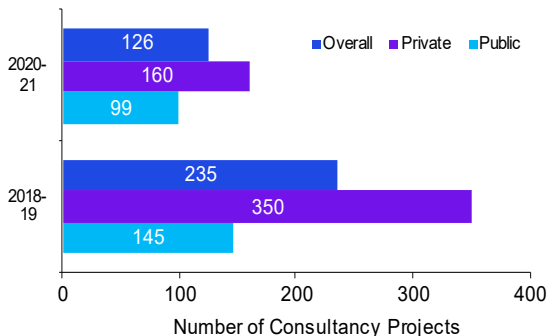


Key trends - Consultancy Projects

The amount of funding for consultancy projects has increased consistently, despite the pandemic and private universities fare better

- Capital received for consultancy projects has increased across universities at a CAGR of **22 per cent** over the last three years, despite the number of consultancy projects registering a drop.
- Private universities secured **2.1x** the amount of financing compared to public universities for consultancy
- The top 25 universities account for over **66 per cent** of the total funding received and almost **65 per cent** of the clients in 2022.

Average no. of Consultancy Projects

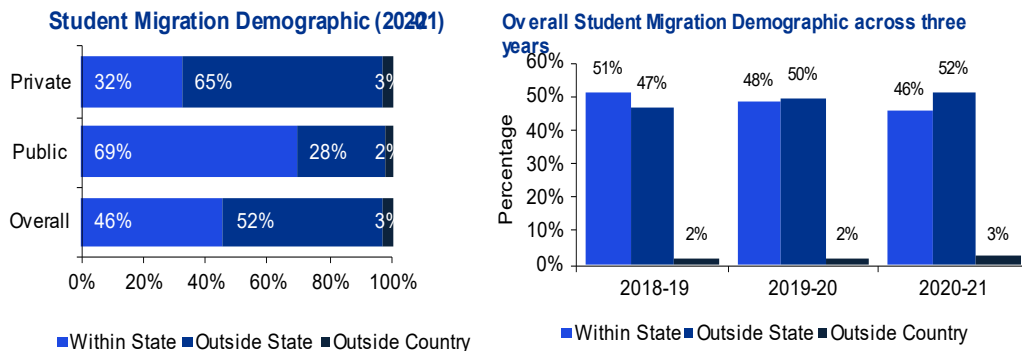


- Number of consultancy projects have dropped by a CAGR of **19 per cent** in the last three years, potentially due to Covid-19
- The size of projects (amount received per project) in 2020-21 has increased almost **3.5x** since 2018-19
- The top quartile of universities experienced a **63 per cent** decrease in average number of consultancy projects from 2018-19
- Though the average number of projects completed by private universities has decreased by **54 per cent**, they still finished **~1.3x** more than public universities.

**Note: Insights are only representative of the top 100 universities based on NIRF rankings*

Key trends - migration of students

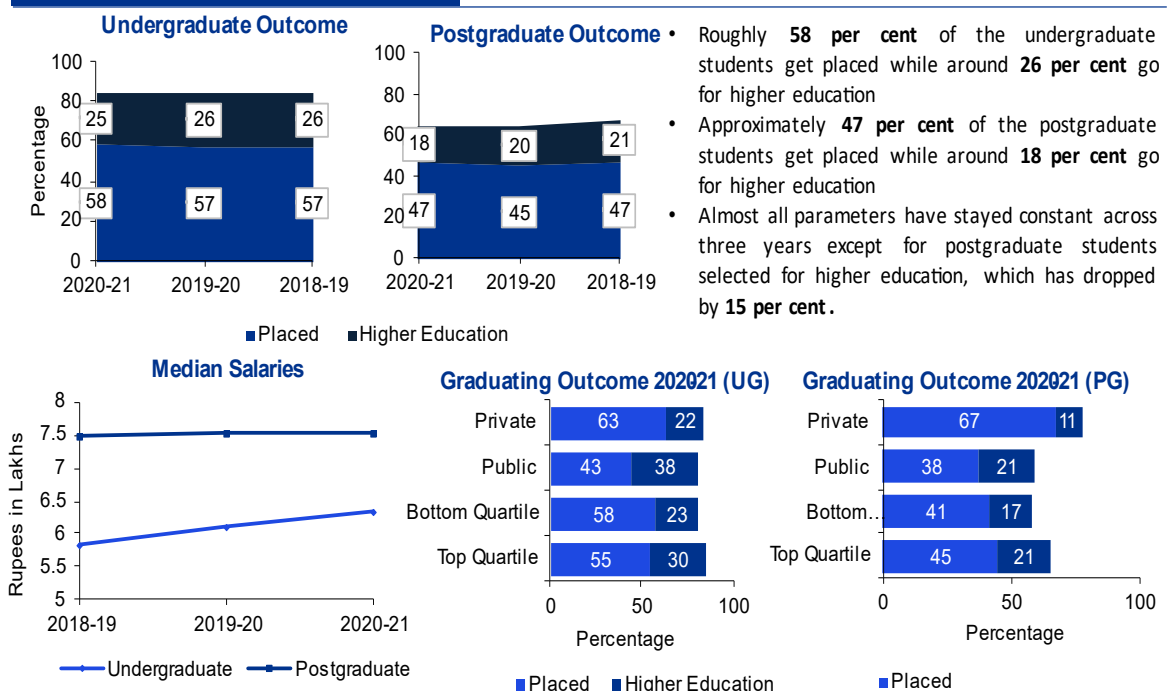
Student migration has stayed virtually constant across the years, with negligible effect of COVID -19



- The impact of Covid-19 on migration of students (moving outside your state) was insignificant, in fact the number of students attending universities outside their state **increased slightly** in 2020-21
- The number of students attending undergraduate programs outside their own state is **20 per cent** more than the ones attending within the state while that is reversed for postgraduate programs
- Private universities have a near **70 per cent migrant population** vis-à-vis around **30 per cent** in public institutions

Key trends - graduation outcomes

COVID-19 has not had an impact on graduation outcomes in the top 100 universities



- Postgraduate students receive an average salary hike of **~19 per cent** over undergraduate students
- The median salary for undergraduate students placed has increased by **~9 per cent** whereas that of postgraduate students has stayed virtually constant
- The median salaries of students from private universities on average are **~1.3x** those of students from public universities.

**Note: Insights are only representative of the top 100 universities based on NIRF rankings*

Multidisciplinary presence

There are 16 institutes with a multidisciplinary presence across more than 4 categories

Name of institute	Type	Number of categories	Categories								
			University	Engineering	Medical	Management	Research	Pharmacy	Dental	Architecture	Law
Aligarh Muslim University	Public	8	✓	✓	✓	✓	✓		✓	✓	✓
Amrita Vishwa Vidyapeetham	Private	7	✓	✓	✓	✓	✓	✓	✓		
Jamia Milia Islamia	Public	7	✓	✓		✓	✓		✓	✓	✓
Kalinga Institute of Industrial Technology	Private	7	✓	✓	✓	✓	✓		✓		✓
Saveetha Institute of Medical and Technical Science	Private	7	✓	✓	✓	✓	✓		✓		✓
Banaras Hindu University	Public	6	✓		✓	✓	✓		✓		✓
Lovely Professional University	Private	6	✓	✓		✓		✓		✓	✓
Panjab University	Public	6	✓	✓		✓	✓	✓			✓
S.R.M. Institute of Science and Technology	Private	6	✓	✓	✓		✓	✓		✓	
Siksha `O` Anusandhan	Private	6	✓	✓	✓		✓		✓		✓
Amity University	Private	5	✓	✓		✓	✓	✓			
Anna University	Public	5	✓	✓		✓	✓			✓	
Birla Institute of Technology	Private	5	✓	✓		✓		✓		✓	
Chandigarh University	Private	5	✓	✓		✓		✓		✓	
Guru Gobind Singh Indraprastha University	Public	5	✓	✓		✓				✓	✓
Indian Institute of Technology, Kharagpur	Public	5		✓		✓	✓			✓	✓

✓ indicates presence of institutions in respective categories

■ Institutes not eligible in the category

Categories and participation

Institutions of Eminence (IoE) flourish in the rankings across overall, university, research, engineering and management categories

Overall	University	Engineering	Management	Research
16 IoEs are in the top 50 ranks in the overall	14 IoEs are in the top 50 ranks in the university	10 IoEs are in the top 50 ranks in the engineering	8 IoEs are in the top 50 ranks in the management	15 IoEs are in the top 50 ranks in the Research

Performance of IoEs across categories***

Name of Institute	Type	Categories									
		Overall	University	Engineering	Medical	Management	Research	Pharmacy	Dental	Architecture	Law
Indian Institute of Science	Public	2	1				1				
Indian Institute of Technology Delhi	Public	4		2		4	3				
Indian Institute of Technology Bombay	Public	3		3		11	4				
Indian Institute of Technology Madras	Public	1		1		10	2				
Indian Institute of Technology Kharagpur	Public	6		5		12	5			3	6
University of Delhi	Public	23	13				16				
Banaras Hindu University	Public	11	6	13	5	50	15		21		20
University of Hyderabad	Public	20	10			94	27				
Anna University**	Public	22	20	17		49	21			29	
Jadavpur University**	Public	12	4	11			13	18			
Birla Institute of Technology and Science, Pilani	Private	32	18	29			33	5			
Manipal Academy of Higher Education	Private	17	7	55	10	38	30	9	2	15	
Amrita Vishwa Vidyapeetham	Private	16	5	19	8	27	31	14			
Vellore Institute of Technology, Vellore	Private	18	9	12			10				
Jamia Hamdard University	Private	74	46		33	100		1			

Name of Institute	Type	Categories									
		Overall	University	Engineering	Medical	Management	Research	Pharmacy	Dental	Architecture	Law
Shiv Nadar University	Private	94	61								
Kalinga Institute of Industrial Technology	Private	34	20	42	30	48	47				11
O P Jindal Global University	Private	Did not participate									

*Numbers in the table indicate ranks of institutions in respective categories

**Consultations with respective State Governments is pending before being considered for the status of IoE

***Institutions of Eminence under the Greenfield category are not represented here

 Institutes not eligible in the category

NIRF 2022 – Category specific ranking analysis

Overview of NIRF – 2022 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 seventh edition of the NIRF rankings was released on 15 July 2022 with NBA as its ranking agency.

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 total 11 categories of rankings under NIRF. They are overall, universities, colleges, research institutions, engineering, management, pharmacy, medical, dental, law and architecture. The ranking methodology for these different categories is tailored to suit the nuances of individual discipline.

Overall, 4,780 institutes have participated in NIRF 2022**



Universities

Not published



Colleges

2,270



Research Institutions

Not published



Engineering

1,249



Management

751



Pharmacy

400



Medical

151



Dental

142



Law

147



Architecture

91

**Numbers indicate participating institutions*

***Number of unique institutions*

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.

Scoring and ranking:

The NIRF ranking is arrived on the basis of 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:

- Metric for quantitative research
- Metric for quantitative research
- Metric for students and faculty contribution
- Outreach and inclusivity
- Perception

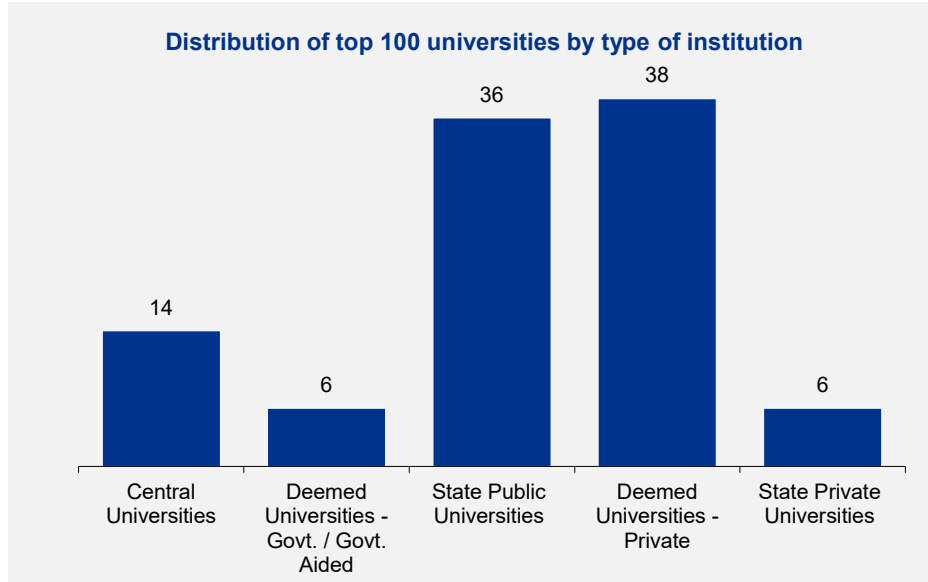
Highlights of NIRF 2022 – University category

- 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/government Institutions	Rank	Private institutions	Rank
Indian Institute of Science	1	Amrita Vishwa Vidyapeetham	5
Jawaharlal Nehru University	2	Manipal Academy of Higher Education	7
Jamia Millia Islamia, New Delhi	3	Vellore Institute of Technology	9

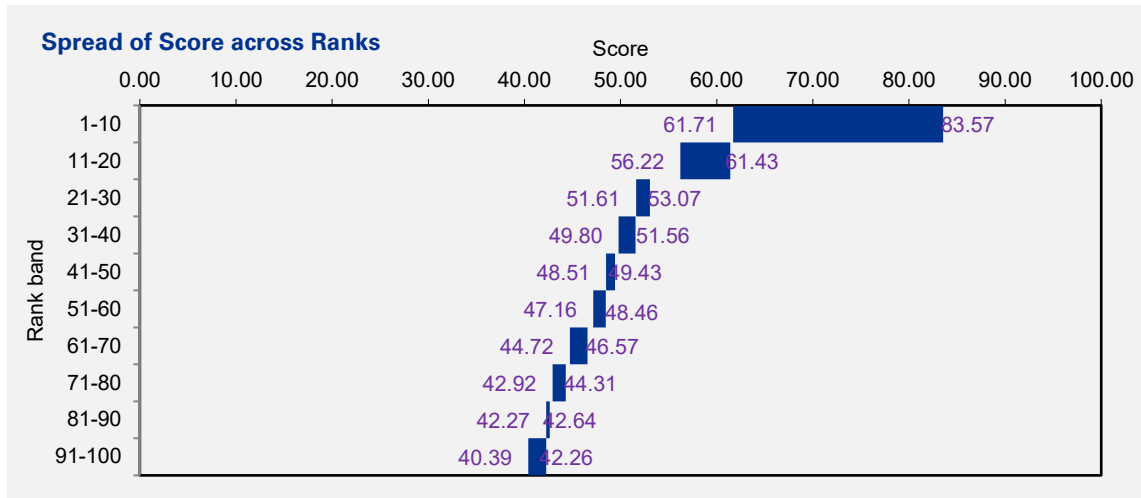
The top two public institutions continue to hold their fort at the top of the rankings, while Jamia Milia Islamia, New Delhi has moved to the third position this year from 6th position in 2021. Amrita Vishwa Vidyapeetham and Manipal Academy of Higher Education continue to be the top ranked private universities. Vellore Institute of Technology has improved its rank from 13 in 2021 to 9 in 2022.

- Private deemed universities dominate the rankings:** The top 100 university rankings are dominated by private institutions (44) followed by state public universities (36) with about 38% of the top 100 institutions being deemed private universities.
 - This is similar to the trend observed last year as well
 - Out of the total 51 central universities¹ in the country, 14 feature in the NIRF top 100
 - The overall split of public and private institutions is 56:44 in NIRF top 100 universities.



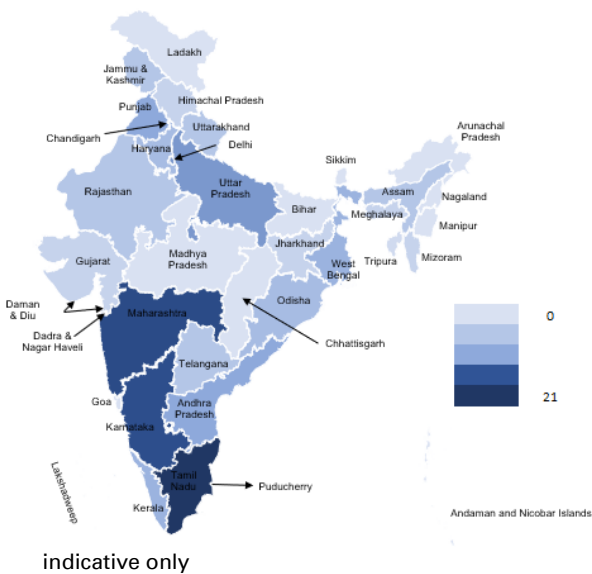
¹ KPMG analysis of All India Survey on Higher Education (AISHE)

Variation in scores by rank band: For universities in the rank band 21–100, a small shift in score would result in a large shift of their ranking due to small deviations in scores in these rank bands



Top three states remain unchanged: Tamil Nadu continues to dominate the top 100 ranks with 21 universities this year (19 universities in 2021) followed by Maharashtra and Karnataka with 13 and 12 universities respectively.

State-wise distribution of top 100 ranked universities



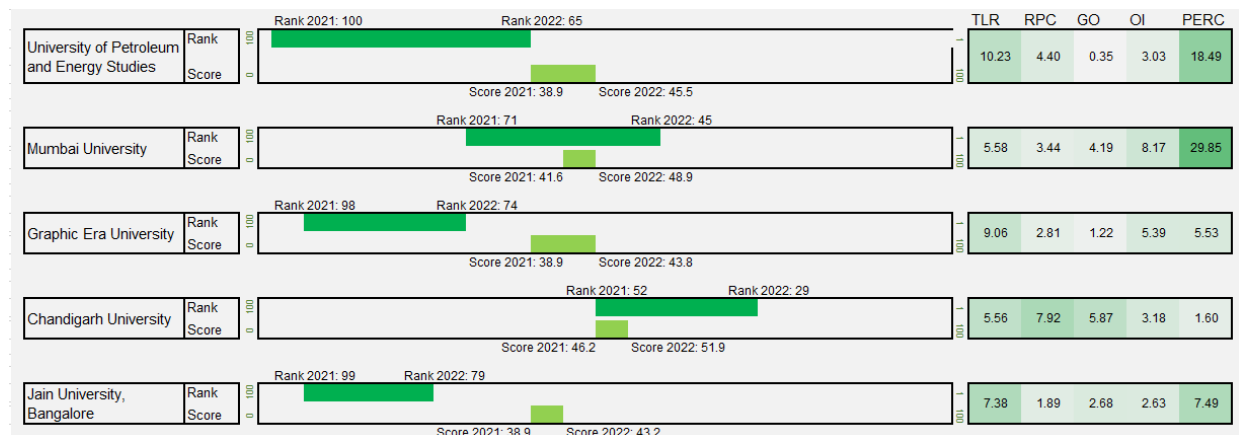
State	Universities in NIRF top 100	
	2022	2021
Tamil Nadu	21	19
Maharashtra	13	12
Karnataka	12	10
Delhi	6	6
Uttar Pradesh	6	7
Andhra Pradesh	5	5
Punjab	5	5
West Bengal	4	4
Kerala	4	4
Odisha	3	3
Haryana	3	3
Rajasthan	2	2
Telangana	2	3
Uttarakhand	2	2
Pondicherry	2	2
Assam	2	3
Others	8	10

There are 6 new entrants into top 100: Central University of Tamil Nadu has made a significant jump from the rank band of 151–200 in 2021 into top 100 in 2022. Others entered the top 100 ranks from the 101–150 rank band.

Name	Type	City	2022 rank	2021 rank
Christ University	Deemed university - Private	Bengaluru	71	101–150
Mizoram University	Central university	Aizawl	78	101–150
Central University of Tamil Nadu	Central university	Tiruvarur	85	151–200
Maharishi Markandeshwar	Deemed university - Private	Ambala	91	101–150
Yenepoya University	Deemed university - Private	Mangaluru	97	101–150
M. G. R. Educational and Research Institute	Deemed university - Private	Chennai	100	101–150

- **A total 42 universities have shown an improvement in rankings:** The top five climbers within the top 100 have been depicted below. It is important to note that the top 2 institutes with the maximum jump in rankings has shown significant improvement in perception scores.

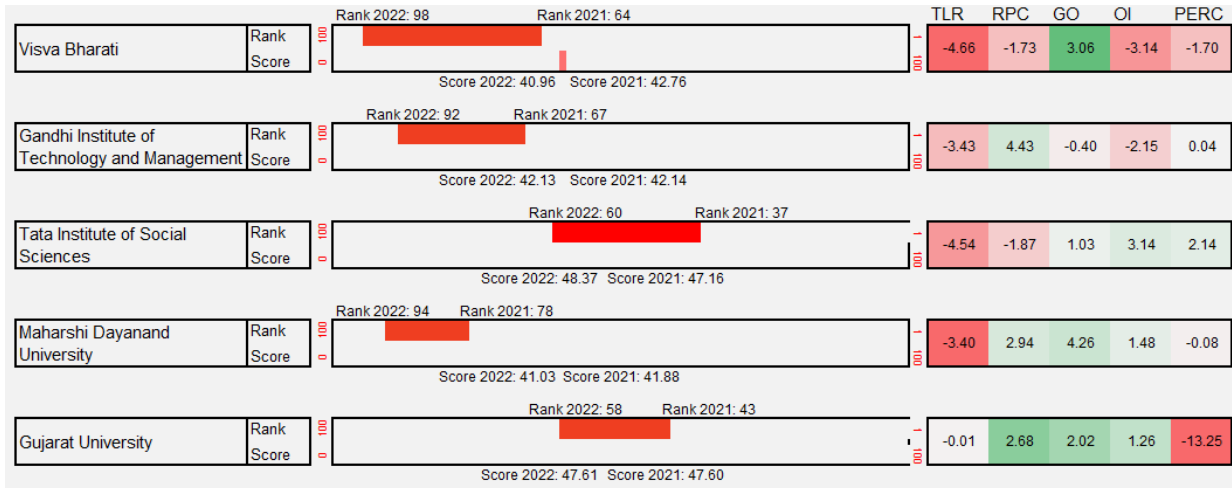
Note: The list does not include institutions that have moved from rank bands 101–200 and 151–200 into the top 100.



Note: The values for the parameters are the differences between the scores in 2022 and 2021

- **TLR:** All 5 institutes have shown an improvement in TLR scores. 3 out of these 5 institutes have shown maximum improvement in the faculty-student ratio with emphasis on permanent faculty (FSR) score. None of these universities have shown any improvement in Online Completion of Syllabus & Exams and Swayam (OE)
 - **RPC:** Chandigarh University has improved its RPC score by around 7 points. This is majorly driven by the improvement in IPR and Patents (IPR) parameter by 3 points and Quality of Publications (QP) parameter by 2.56 points. Mumbai University also improved its IPR parameter by 3 points
 - **GO:** None of the universities showed any improvement in the Metric for University Examinations (GUE) parameter. However, all have exhibited good improvement in the Metric for Number of Ph.D. Students Graduated (GPHD) parameter
 - **OI:** Except University of Petroleum and Energy Studies (UPES), all the other 4 universities have shown significant improvement in the Economically and Socially Challenged Students (ESCS) parameter.
- **45 universities have dropped in rankings this year.** The universities which have dropped maximum number of ranks from 2021 are shown below along with their change in parameter scores. It is important to note that these institutions have retained almost the same score as the

previous year yet experienced a significant drop in ranking. One of the key reasons for their decline is due to the rank band where they are present. There are an increased number of institutions scoring higher and thereby getting better ranks. So, these institutions, despite maintaining the 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 2022 and 2021

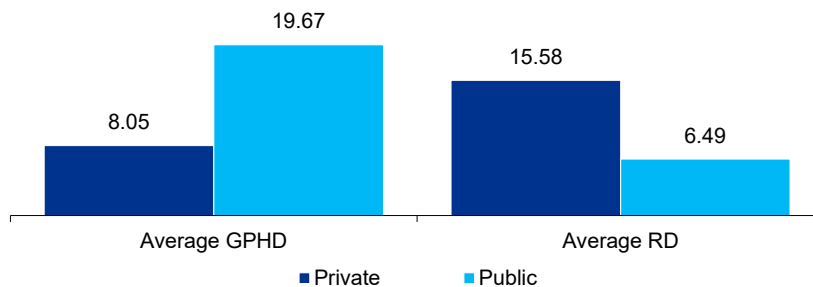
- **TLR:** All 5 institutes have witnessed a decrease in TLR parameter. This has been majorly driven by the decrease in FSR, combined metric for Faculty with PhD (or equivalent) and Experience (FOE) and OE parameters. Visva Bharati also witnessed a significant drop in Student Strength (SS) parameter by 2.06 points
- **RPC:** All 5 universities witnessed a significant drop in Footprint of Projects and Professional Practice (FPPP) parameter
- **GO:** Out of all parameters, GO witnessed minimal drop. Only Gandhi Institute of Technology and Management witnessed a drop in GPHD scores by 0.61 points. Other universities have either improved by their GUE and GPHD scores marginally or have remained constant
- **OI:** Women Diversity (WD) saw a drop in 3 out of 5 institutes.

Key observations across parameters and sub parameters:

- The average TLR score showed maximum improvement (3.24 points) in 2022 compared to 2021
- Among the sub parameters, all except OE, IPR and FPPP showed an improvement in 2022
- 72 per cent of the top 100 ranked universities (41 private and 31 public) scored zero in the OE parameter. The average OE score among public universities is 1.27 compared to 0.11 (out of 15 marks) among private universities

- There is significant difference in the averages across the GPHD and Region Diversity (RD)

Average GPHD and RD across public and private universities



scores.

**The low score in RD for public universities may be attributed to the domicile reservation policies of state public universities that account for maximum share within the public universities ranked. Percentage of students from other states/countries is given 30 per cent weightage in OI calculation, as per this year’s methodology*

*** For GPHD and RD calculations, please refer to the NIRF website for detailed methodology.²*

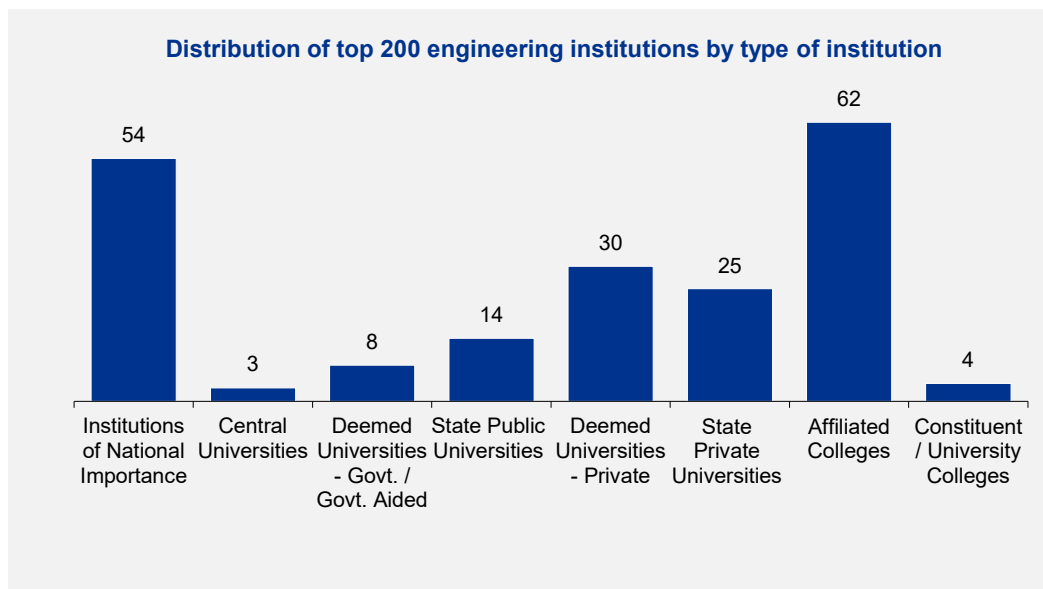
² NIRF website, <https://www.nirfindia.org/nirfpdfcdn/2021/framework/Overall.pdf>

Highlights of NIRF 2022 – Engineering category

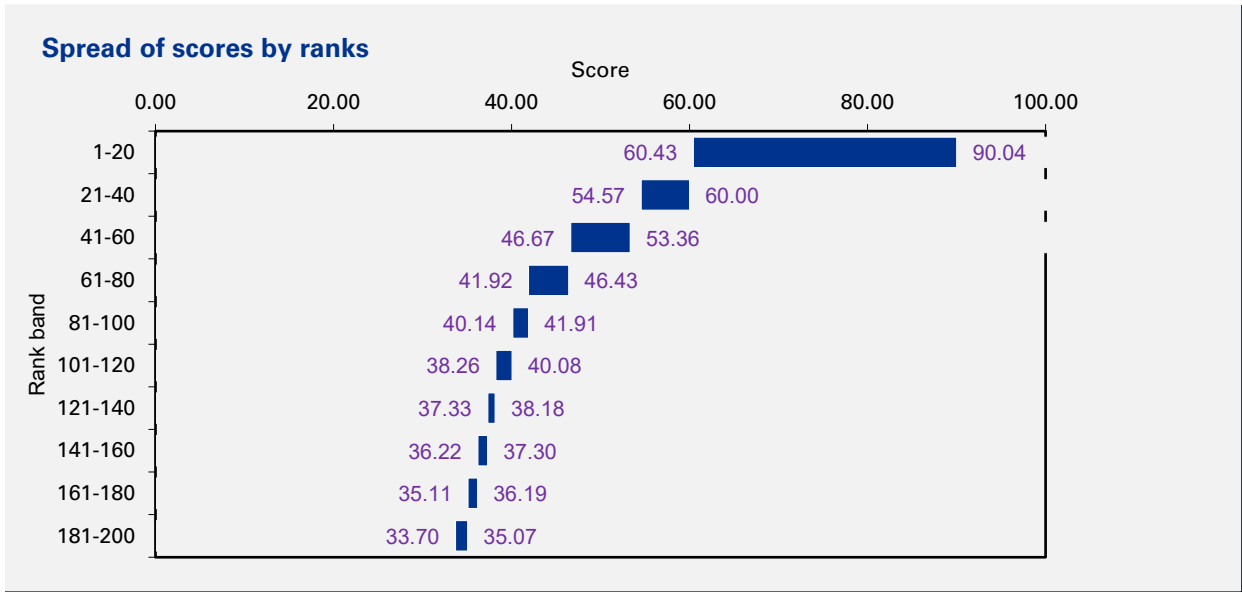
- **Total number of participating institutions:** The engineering category has seen an increase in number of participating institutes (about 10 per cent) from 1143 in 2021 to 1249 in 2022. Out of the participating institutions, a total of 200 institutes have been given unique ranks and the next 100 institutions have been categorised in two rank bands (200–250 and 251–300).
- The top ranked institutions in NIRF 2022 in the engineering category are as follows:

Public/Government institutions	Rank	Private institutions	Rank
Indian Institute of Technology Madras	1	Vellore Institute of Technology, Vellore	12
Indian Institute of Technology Delhi	2	Amrita Vishwa Vidyapeetham, Coimbatore	19
Indian Institute of Technology Bombay	3	S.R.M. Institute of Science and Technology	24

- **Affiliated Colleges and Institutions of National Importance dominate in the top 200 institutes,** whereas in top 100 almost half of the share is taken by Institutes of National Importance alone.

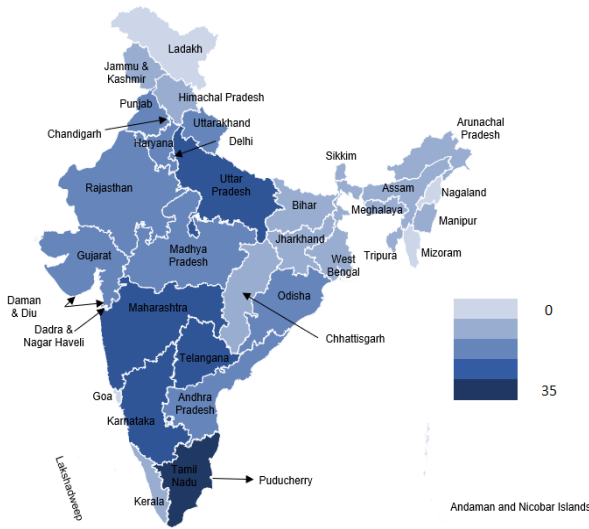


- **Variation in scores by rank band:** For the engineering category, the variation of scores, that is the difference in maximum score and minimum score in that rank band decreases as the ranks drop. This implies that a unit shift in score in the lower rank bands will result in a significant shift in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



- More than one-sixth of the ranked engineering institutes are from Tamil Nadu:** In continuation to their performance in 2021 rankings, engineering institutes from Tamil Nadu dominate the NIRF rankings in 2022 as well. In the top 200, 35 institutions are from Tamil Nadu, followed by Karnataka and Maharashtra with 19 and 17 institutions respectively. These three states were top rankers in last year's rankings as well.

State-wise distribution of top 200 engineering institutions

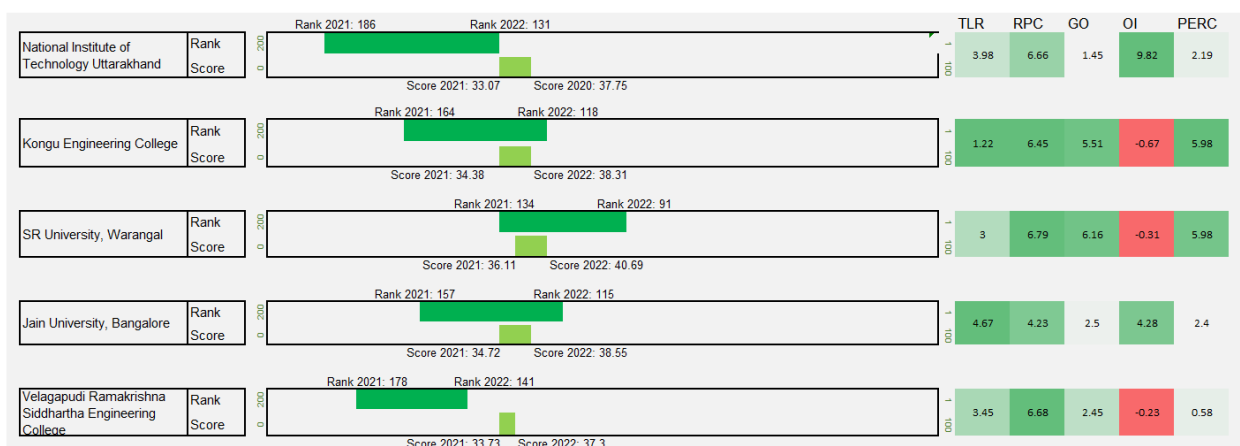


State	No. of institutions in the top 200	
	2022	2021
Tamil Nadu	35	36
Karnataka	19	19
Maharashtra	17	19
Uttar Pradesh	16	14
Telangana	14	14
Andhra Pradesh	10	6
Delhi	8	7
Punjab	8	11
Gujarat	7	6
Haryana	7	5
Odisha	7	9
Rajasthan	6	5
Madhya Pradesh	6	8
Uttarakhand	5	5
Kerala	4	4
West Bengal	4	6
Assam	4	4
Jharkhand	4	4
Himachal Pradesh	4	4
Others	15	14

- There are 9 new entrants in the top 100:** Of the 9 new entrants in the top 100, two have participated in the NIRF engineering category rankings for the first time and seven have made a jump from the 101–200 rank band into the top 100.

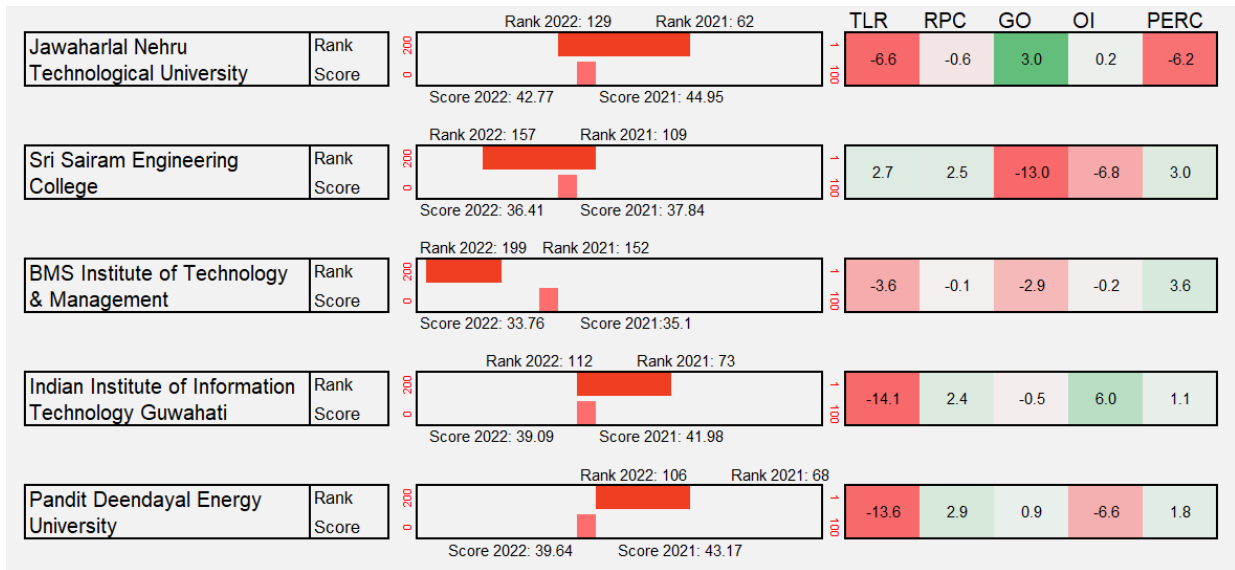
Name	Type	City	2022 rank	2021 rank
Indian Institute of Technology Tirupati	Institution of National Importance	Yerpedu	56	Did not Participate
Indian Institute of Technology Palakkad	Institution of National Importance	Palakkad	68	Did not Participate
Guru Gobind Singh Indraprastha University	State Public University	New Delhi	74	108
Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Institution of National Importance	Gwalior	78	106
National Institute of Food Technology Entrepreneurship and Management - Thanjavur (NIFTEM - Thanjavur)	Institution of National Importance	Thanjavur	86	81
SR University	State Private University	Warangal	91	134
Rajalakshmi Engineering College	Affiliated College	Chennai	95	110
Siddaganga Institute of Technology	Affiliated College	Tumkur	97	101
Vignan's Foundation for Science Technology and Research	Deemed University - Private	Guntur	99	111

- A total of 76 institutions out of the top 200 and 39 out of the top 100 have shown an improvement in rankings this year:** National Institute of Technology Uttarakhand made a significant jump of 55 ranks. Kongu Engineering College was the second highest gainer with a jump of 46 ranks.



Note: The values for the parameters are the differences between the scores in 2022 and 2021

- A total of 93 institutions out of top 200 and 49 out of top 100 have dropped in rankings this year:** Jawaharlal Nehru Technological University saw the biggest drop in the rankings this year. From 62nd rank in 2021, the institute dropped to 129th rank in 2022. Sri Sairam Engineering College saw the second biggest drop of 48 ranks.



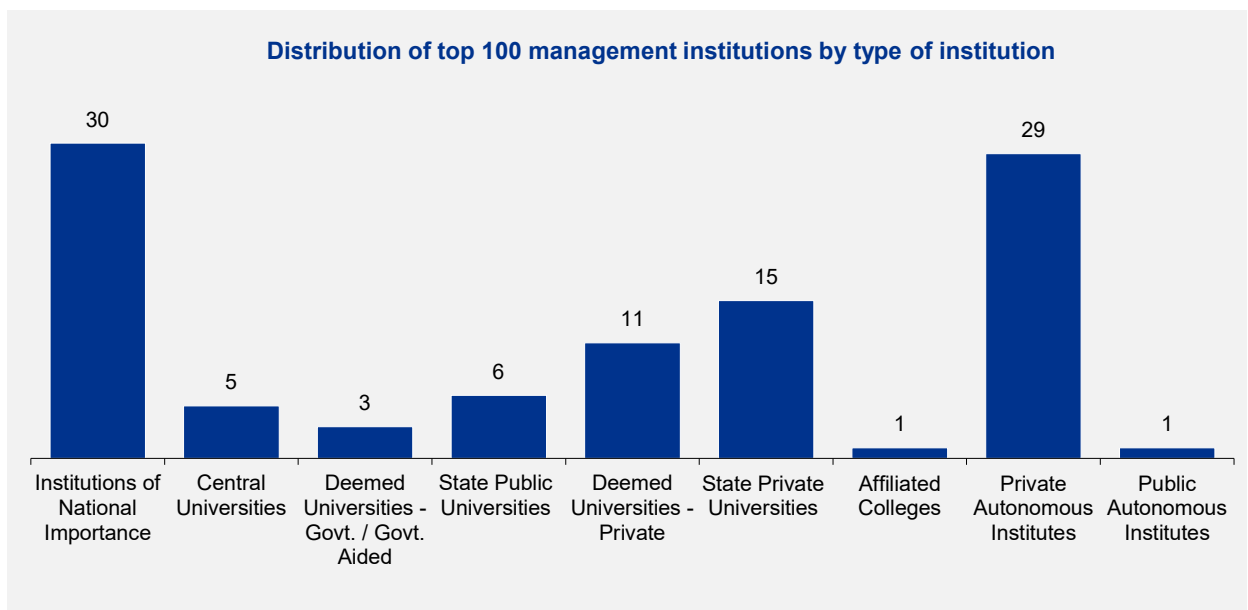
Note: The values for the parameters are the differences between the scores in 2022 and 2021

Highlights of NIRF 2022 – Management category

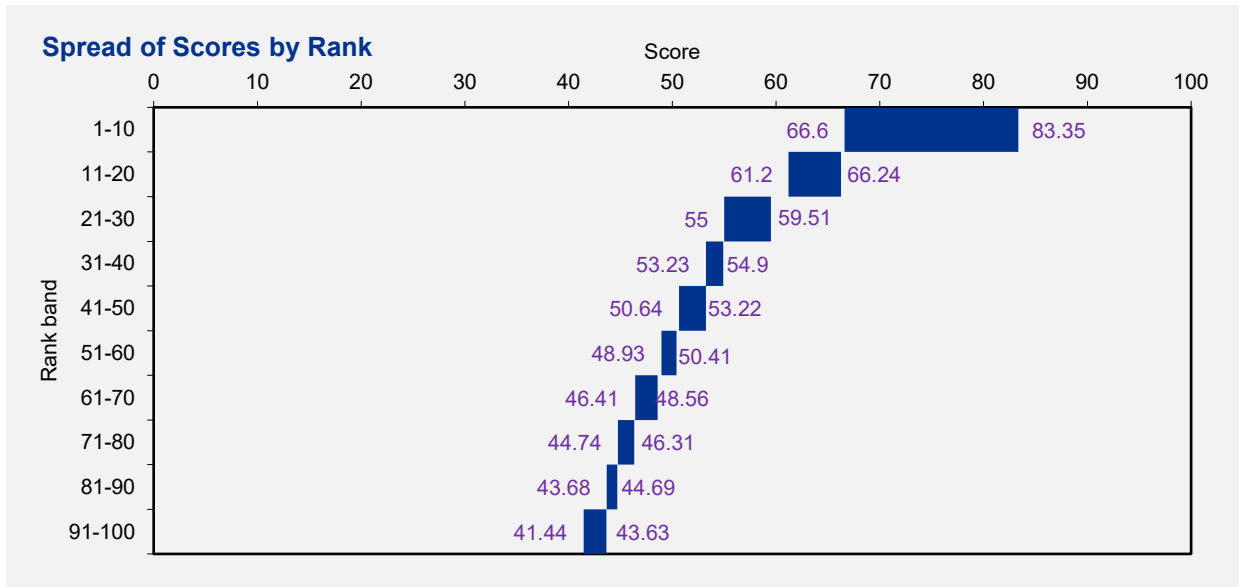
- **Total of 751 institutes participated in the NIRF 2022 management category:** The number of participating institutes increased to 751 in 2022 from 659 institutes in 2021 and the number of institutions ranked has increased to 100 in 2022 compared to 75 in NIRF 2021.
- **Top three public and private management institutes:** The highest ranked public and private institutions within the management category in NIRF 2022 are shown below:

Public/government institutions	Rank	Private institutions	Rank
Indian Institute of Management Ahmedabad	1	Xavier Labour Relations Institute (XLRI)	8
Indian Institute of Management Bangalore	2	Management Development Institute	13
Indian Institute of Management Calcutta	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 seven positions and top 13 out of the top twenty ranked institutes. Amongst the top 101 ranked institutes, there are 30 institutes of national importance followed by 29 private autonomous institutes, 15 state private universities and 11 deemed private universities.

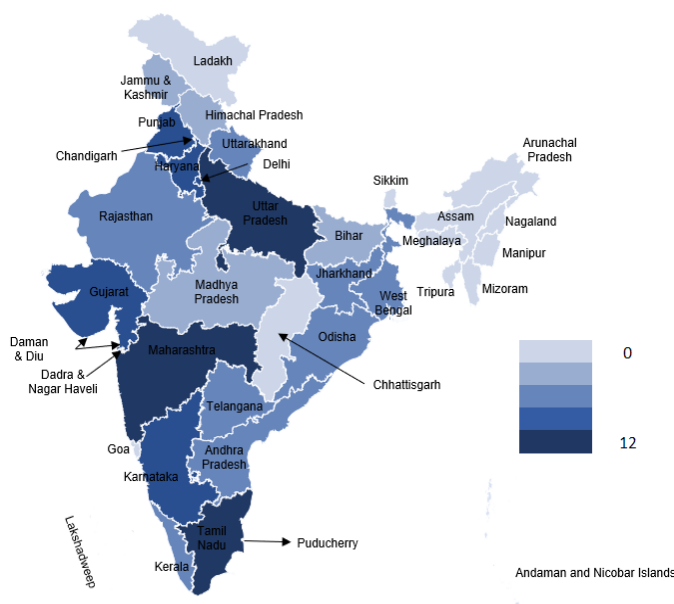


- **Variation of scores by rank band:** For management ranking category, the variation of scores, that is the difference in maximum score and minimum score in that rank band decreases as the ranks drop. The spread of scores by rank band is shown by the graph below.



- Uttar Pradesh has the highest number of ranked institutions among all states closely followed by Tamil Nadu and Maharashtra:** Except for the seven north-eastern states (excluding Meghalaya), all states in the country have representation in the 2022 ranking. Goa, Chhattisgarh, Meghalaya, Chandigarh, Himachal Pradesh, and Bihar have one institute each in the top 100 rankings.

State-wise distribution of top 100 management institutions



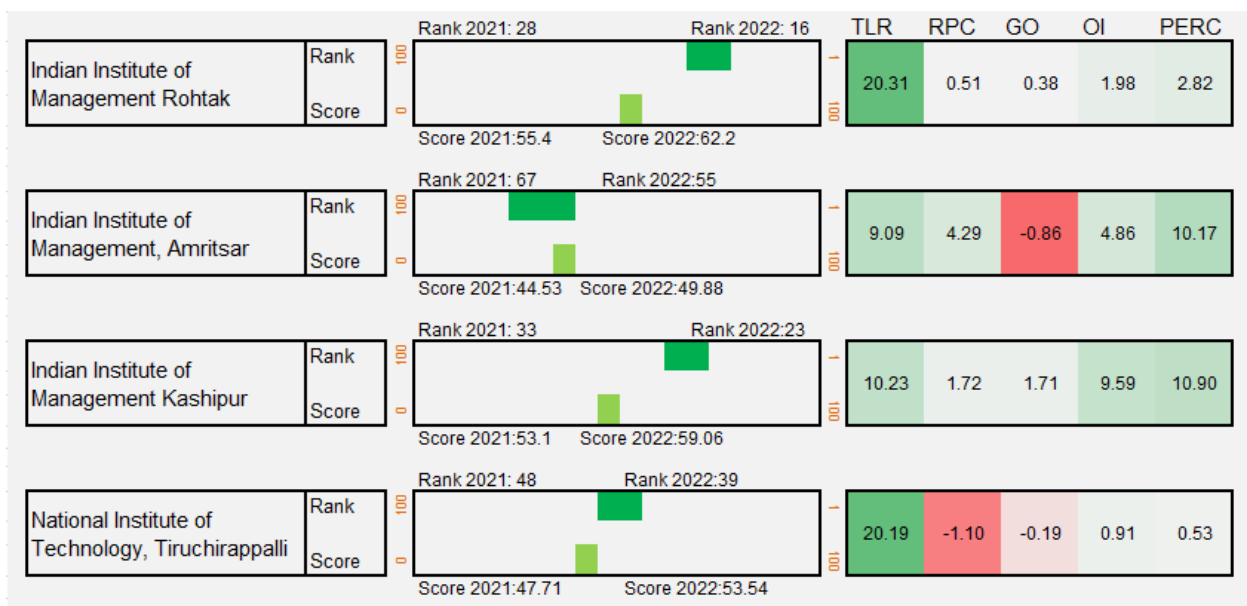
State	No. of institutions in the top 100	
	2022	2021
Uttar Pradesh	12	12
Tamil Nadu	11	7
Maharashtra	10	13
Delhi	8	10
Gujarat	6	4
Karnataka	6	5
Haryana	5	4
Punjab	5	5
Jharkhand	4	4
Uttarakhand	4	4
Rajasthan	4	4
Odisha	4	4
West Bengal	3	3
Kerala	3	2
Telangana	3	4
Andhra Pradesh	3	2
Others	10	13

Map indicative only

- **There are 11 new entrants in top 75 and 28 new entrants overall in the rankings** due to the increase in the number of ranked institutes to 100 from 75 in the previous year. The top five ranked new entrants are shown below:

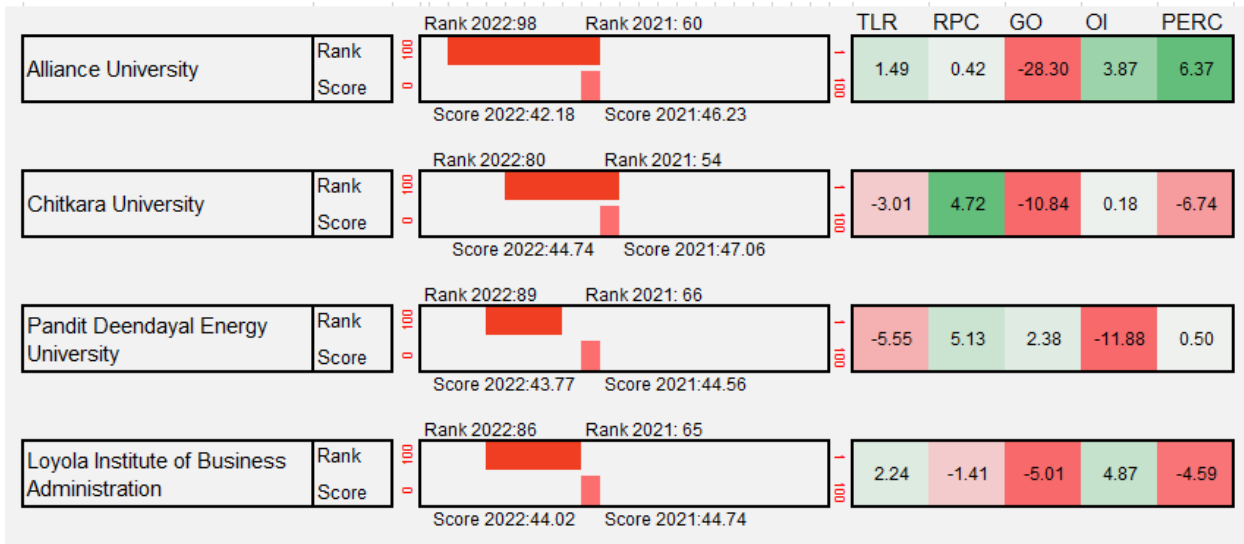
Name	Type	State	2022 Rank	2021 Rank
Amrita Vishwa Vidyapeetham	Deemed University-Private	Tamil Nadu	27	Not participated
Indian Institute of Management Visakhapatnam	Institution of National Importance	Andhra Pradesh	33	Not participated
Indian Institute of Management Jammu	Institution of National Importance	Jammu and Kashmir	36	Rank-band: 76-100
MICA	Private Un-Aided	Gujarat	42	Not participated
Nirma University	State Private University	Gujarat	45	Rank-band: 76-100

- **A total of 20 Institutions have shown an improvement in rankings this year:** The institutions which made the biggest climb (from 2021) are shown below along with their growth in parameter scores. Indian Institute of Management Rohtak, Amritsar and Kashipur have climbed 12, 12, and 10 ranks respectively attaining 16th, 55th, and 23rd ranks respectively.



*The values for the parameters are the differences between the scores in 2022 and 2021

- **A total of 49 institutions have dropped in rankings this year:** The institutions which have dropped maximum number of ranks (from 2021) are shown below along with their decline in parameter scores. Alliance University and Chitkara University saw the highest decline from 60th and 54th ranks in 2021 to 98th and 80th ranks in 2022 respectively. While both witnessed a significant decline in their GO scores, Chitkara University also saw drop in the TLR and perception scores.



**The values for the parameters are the differences between the scores in 2022 and 2021*

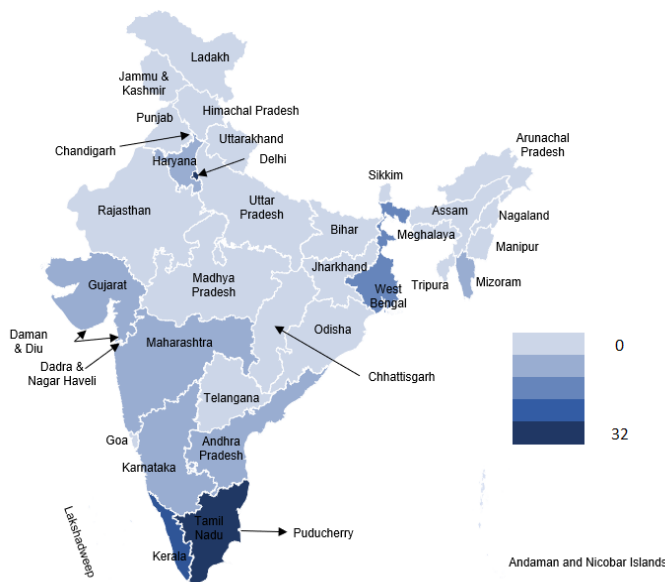
Highlights of NIRF 2022 - College category

- A total of 2,270 colleges participated in this category this year³:** This is a 26 per cent increase from last year when 1,802 colleges participated in the ranking. Maximum participation has been from Maharashtra (466 colleges), followed by Tamil Nadu (308 colleges), and Andhra Pradesh (222 colleges). Since the introduction of college category, the number of participating institutions has more than quadrupled from 535 in 2017 to 2270 in 2022, 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 continued to be ranked first for four consecutive years. Loyola College, ranked fourth, is the highest ranked private aided college.

Public/government institutions	Rank	Private institutions	Rank
Miranda House, Delhi	1	Loyola College, Chennai	4
Hindu College	2	PSGR Krishnammal College for Women	6
Presidency College	3	St. Xavier's College	8

- Eleven out of the top 20 colleges are located in Delhi:** Tamil Nadu and Delhi dominate the top 100 ranks with 32 institutions each this year followed by Kerala with 17 institutions. Out of the 54 participating colleges from Delhi, 32 have been ranked in the top 100 (more than 59 per cent). Out of the 308 colleges of Tamil Nadu, 32 have been ranked in the top 100 (11.4 per cent). Overall, the representation of states has remained almost constant over the last four years.

State-wise distribution of top 100 colleges

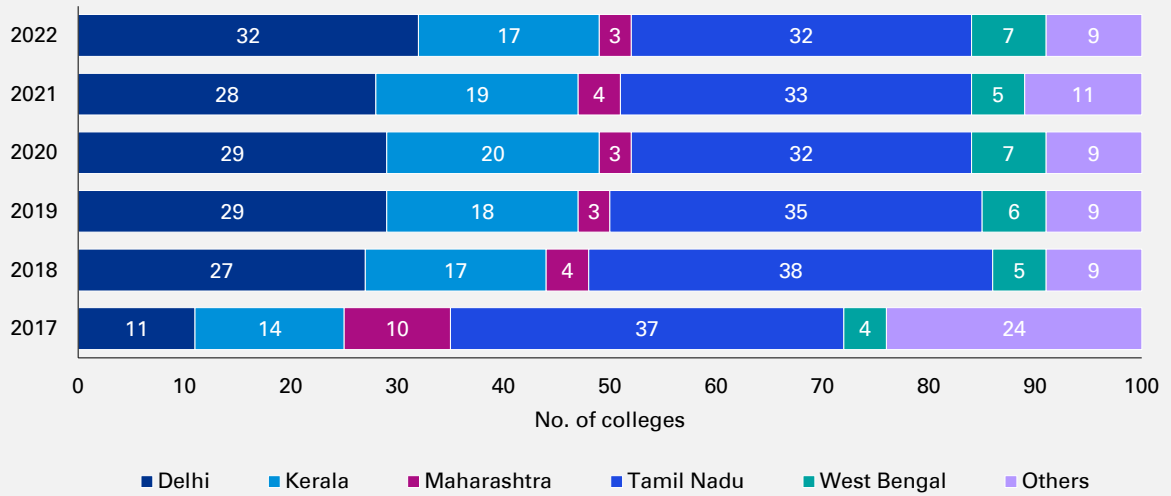


Map indicative only

State	No. of institutions in the top 100	
	2022	2021
Delhi	32	28
Tamil Nadu	32	33
Kerala	17	19
West Bengal	7	5
Maharashtra	3	4
Karnataka	2	3
Pondicherry	2	1
Andhra Pradesh	1	1
Chandigarh	1	1
Gujarat	1	2
Haryana	1	1
Mizoram	1	0
Others	0	2

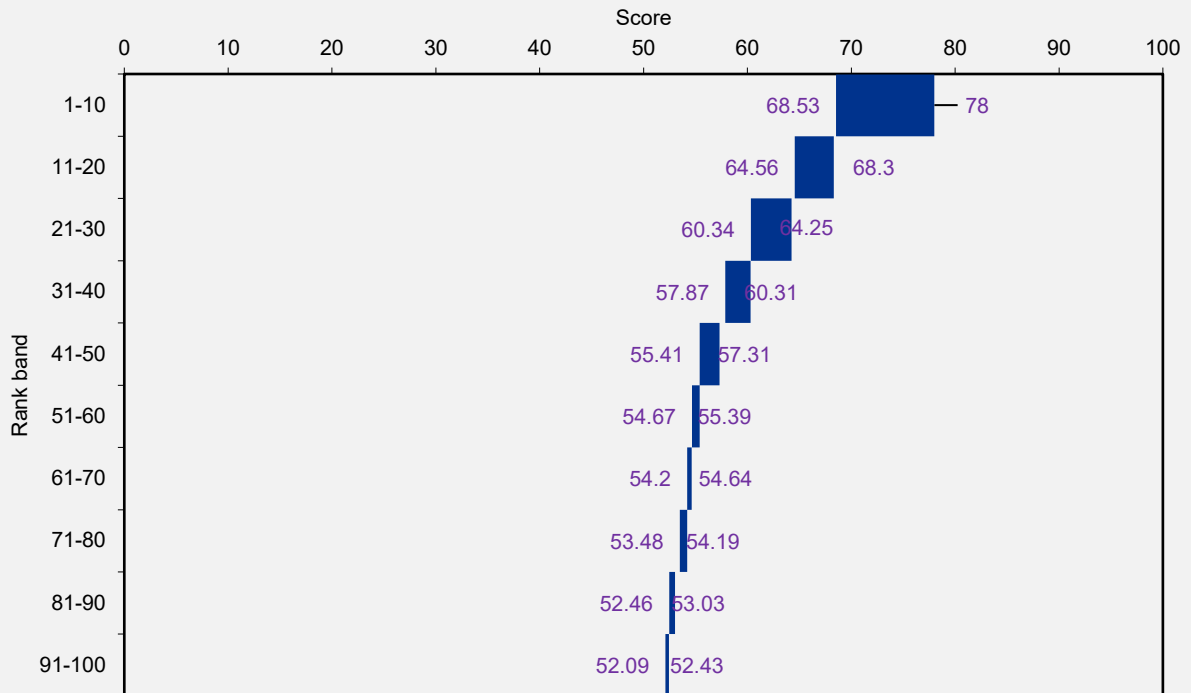
³ Mostly features arts/sciences colleges. Colleges from other categories such as engineering, medical, etc. are mostly not considered under this category

No. of colleges in top 100: State wise



- 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.

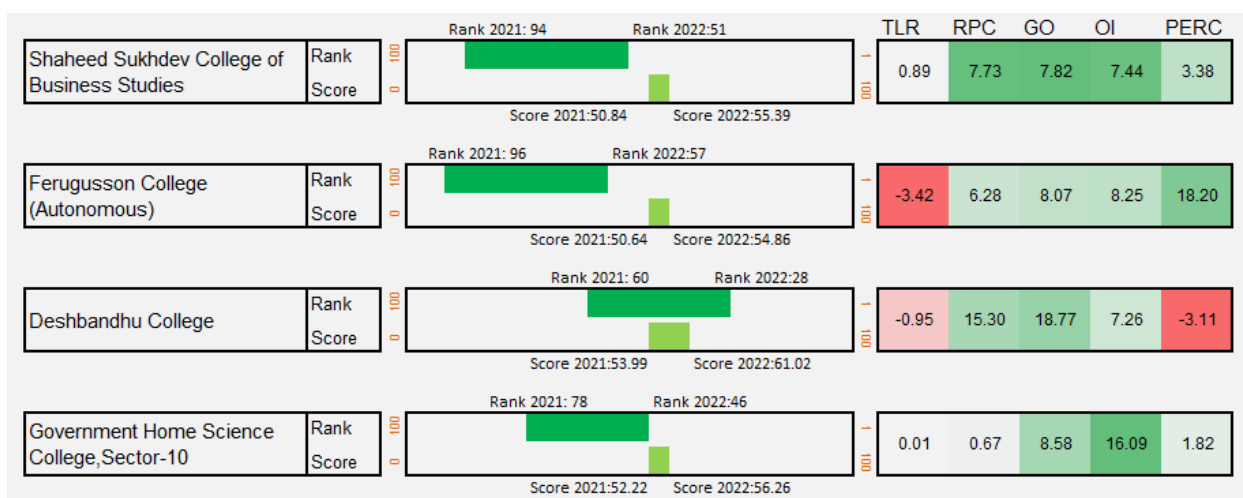
Spread of Scores by Rank



- **There are 13 new entrants in the top 100.** Of the 13 new entrants in the top 100, four are from Delhi. One institute has managed to break into the top 50.

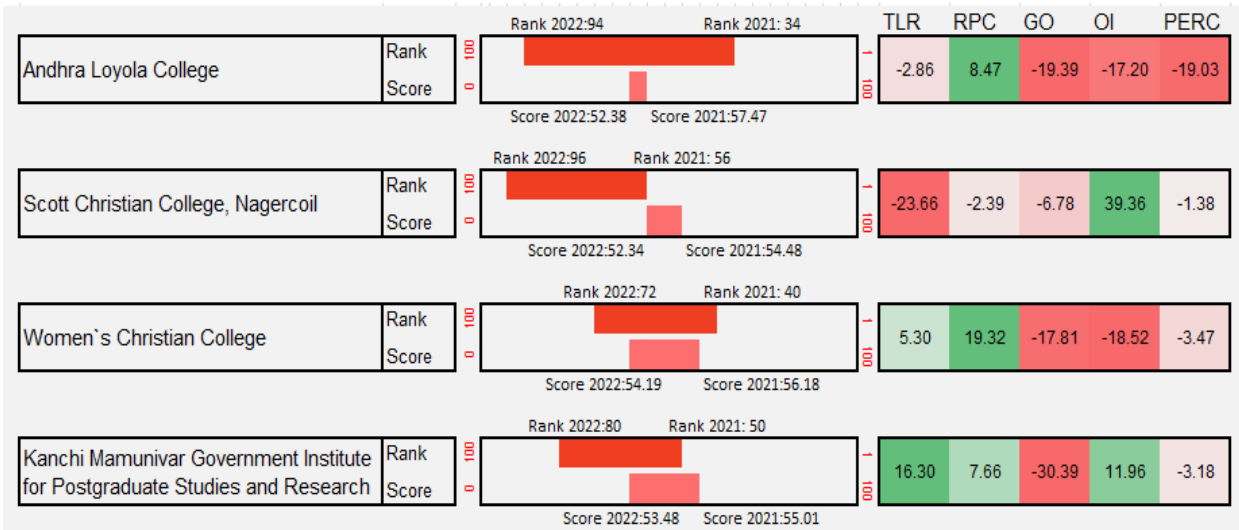
Name	State	2022 Rank	2021 Rank
Pachhunga University College	Mizoram	45	Rank-band: 151-200
Sri Guru Gobind Singh College of Commerce	Delhi	63	Rank-band: 151-200
Raja Narendra Lal Khan Women's College - Autonomous	West Bengal	73	Rank-band: 101-150
Institute of Home Economics	Delhi	75	Not ranked
Shyam Lal College	Delhi	77	Rank-band: 101-150
Sacred Heart College (Autonomous)	Tamil Nadu	82	Rank-band: 151-200
Keshav Mahavidyalya	Delhi	84	Rank-band: 101-150
St. Xavier's College	Maharashtra	87	Rank-band: 101-150
Nesamony Memorial Christian College, Kanyakumari Dist.	Tamil Nadu	91	Not ranked
Fatima Mata National College, Kollam	Kerala	92	Rank-band: 101-150
Midnapore College	West Bengal	97	Rank-band: 151-200
Union Christian College	Kerala	97	Rank-band: 151-200
Mahatma Gandhi Government Arts College	Pondicherry	99	Rank-band: 101-150

- **There are 43 institutions which have shown an improvement in rankings this year:** The institutions which made the biggest climb (from 2021) within the top 100 ranks are shown below. An increase of 4–5 points in score has resulted in a significant climb of 30–40 ranks.



*The values for the parameters are the differences between the scores in 2022 and 2021

- There are 37 institutions which have dropped in rankings this year:** The institutions which have dropped maximum number of ranks (from 2021) within the top 100 rank band are shown below. One of the key reasons for their decline can be attributed to the score band cluster in which they are present. A decrease of 1–2 points in score has resulted in a decline of over 30 ranks.



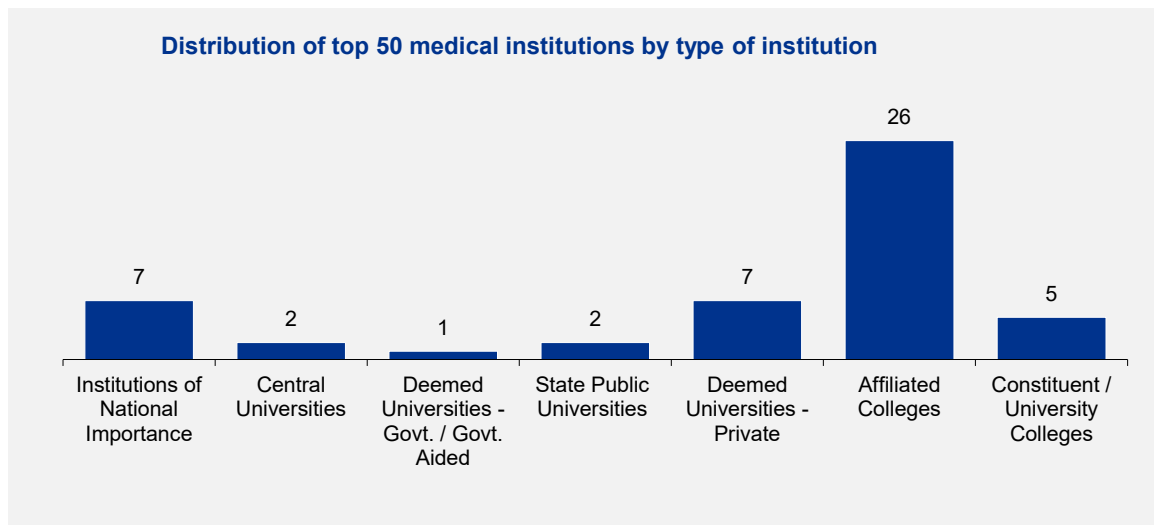
**The values for the parameters are the differences between the scores in 2022 and 2021*

Highlights of NIRF 2022 – Medical category

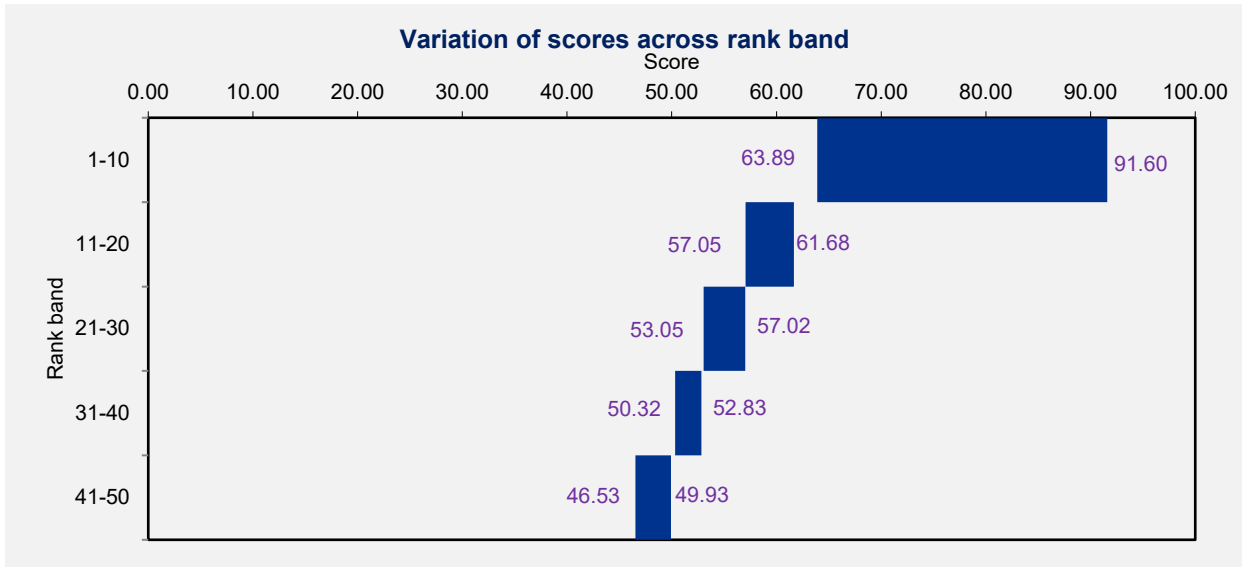
- Increase in participation in NIRF 2022:** Since the introduction of the medical category in 2018, more than 100 medical institutions participated in NIRF rankings. A total of 151 institutes applied in 2022, out of which the top 50 institutes have been ranked. The participating institutes constitute ~25 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 continues to be the top ranked private medical institution in the country.

Public/government institution	Rank	Private institution	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	8
National Institute of Mental Health and Neurosciences, Bengaluru	4	Kasturba Medical College, Manipal	10

- Private institutions claim majority in top 50:** Amongst the top 50 institutes, there are 22 private institutes (including deemed university–private and private affiliated institutions) followed by seven INIs.

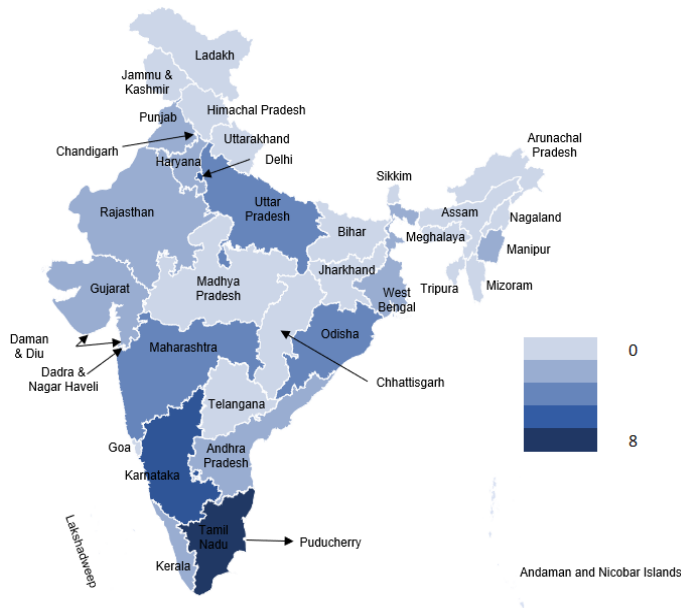


- Variation in scores:** For the top five ranks, the variation between minimum and maximum scores is around 27.71 marks. For institutions in the lower rank band 21–50, a small shift in score would result in a large increase or decrease of their ranking due to small deviations in scores in these rank bands.



- 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 more than 50 per cent of the top 40 institutions. Even in 2019, these states accounted for 17 in top 30 institutions.

State-wise distribution of top 50 medical institutions



State	No. of institutions in the top 50	
	2022	2021
Tamil Nadu	8	10
Delhi	7	7
Karnataka	6	9
Maharashtra	4	4
Odisha	4	4
Uttar Pradesh	4	4
Chandigarh	2	2
Gujarat	2	0
Pondicherry	2	2
Punjab	2	1
Rajasthan	2	2
West Bengal	2	1
Others	5	4

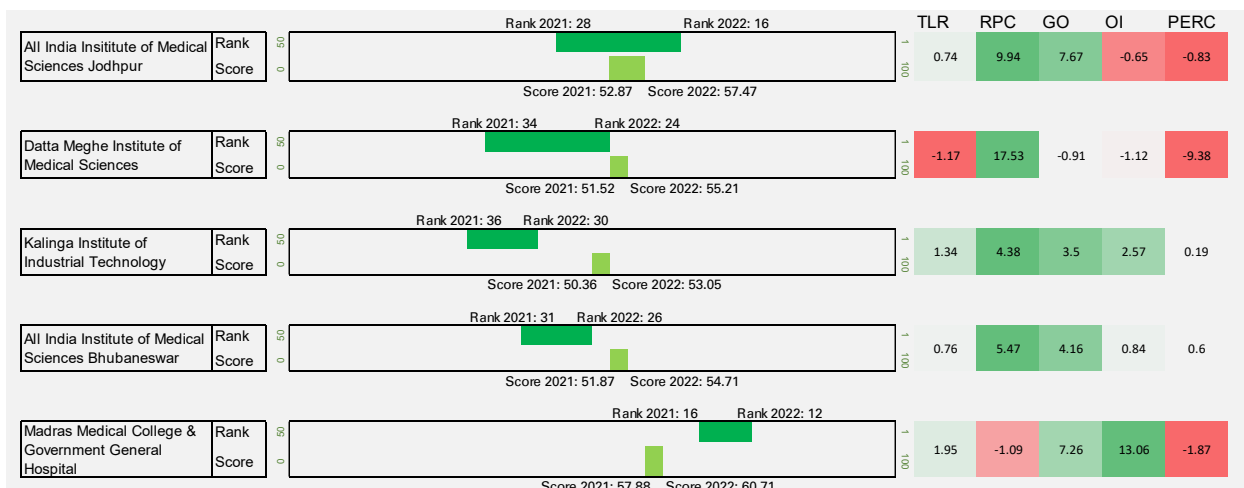
Map indicative only

- A total of 6 new entrants into top 50:** Among the six, two institutions (AIIMS Rishikesh and AIIMs Raipur) who had failed to make the cut in NIRF 2021 have achieved rank 48 and 49 respectively. Four institutions namely, Institute of Post Graduate Medical Education & Research, Christian Medical College, Ludhiana, Gujarat Cancer & Research Institute and B. J.

Medical College had not participated in 2021 but have been able to achieve the rank in top 50. Details of new entrants are provided in table below:

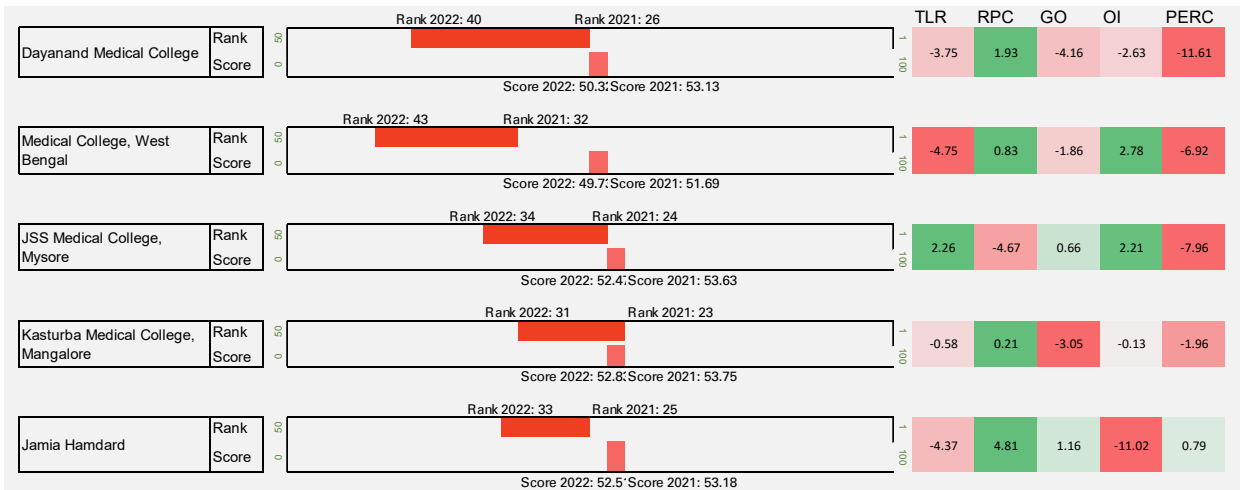
Name of the institute	Type	City	2022 rank	2021 rank
Institute of Post Graduate Medical Education & Research	Affiliated college	Kolkata	21	Did not participate
Christian Medical College, Ludhiana	Affiliated college	Ludhiana	36	Did not participate
Gujarat Cancer & Research Institute	State Public University	Ahmadabad	37	Did not participate
All India Institute of Medical Sciences, Rishikesh	Institution of National Importance	Rishikesh	48	Beyond top 50
All India Institute of Medical Sciences, Raipur	Institution of National Importance	Raipur	49	Beyond top 50
B. J. Medical College	Affiliated College	Ahmadabad	50	Did not participate

- A total of fifteen institutions see an improvement in rankings:** The institutions which made the biggest climb (from 2021) are shown below along with their growth in parameter scores. All India Institute of Medical Sciences Jodhpur (from 28 to 16), and Datta Meghe Institute of Medical Sciences (from 34 to 24) have seen an increase in ranking for 10 or more positions.



*The values for the parameters are the differences between the scores in 2022 and 2021.

- A total of twenty-two institutions have shown a decline in ranks:** The institutions which have dropped maximum number of ranks from 2021 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 Dayanand Medical College (from 26 to 40), Medical College, West Bengal (from 32 to 43) and JSS Medical College, Mysore (from 24 to 34) have seen a decline of 10 or more positions.



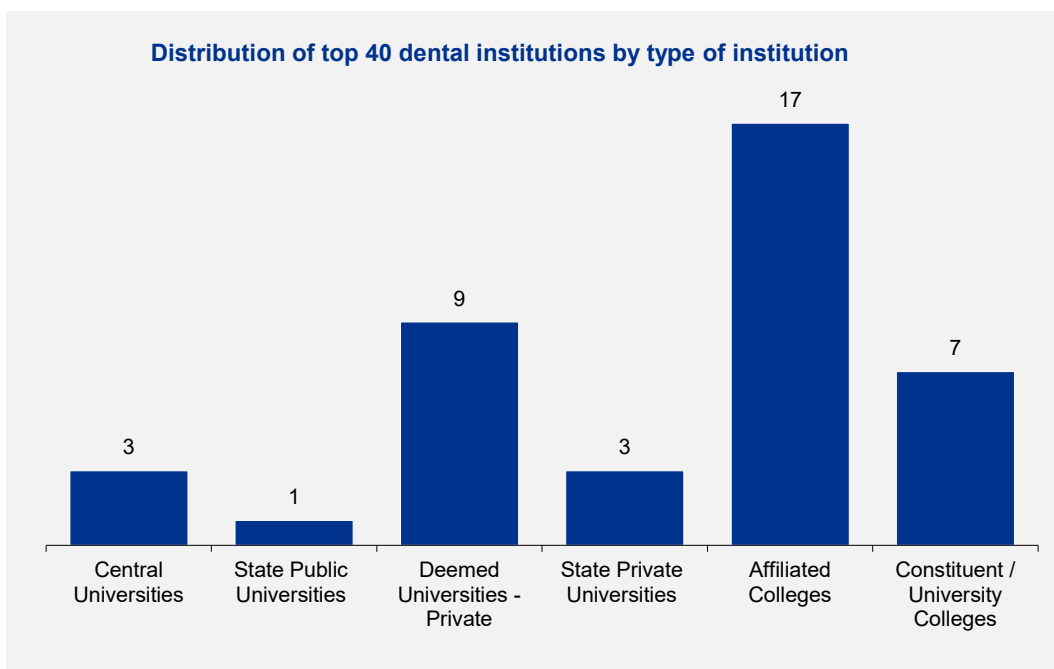
**The values for the parameters are the differences between the scores in 2022 and 2021. Includes only institutions which had applied for ranking in 2021*

Highlights of NIRF 2022 – Dental category

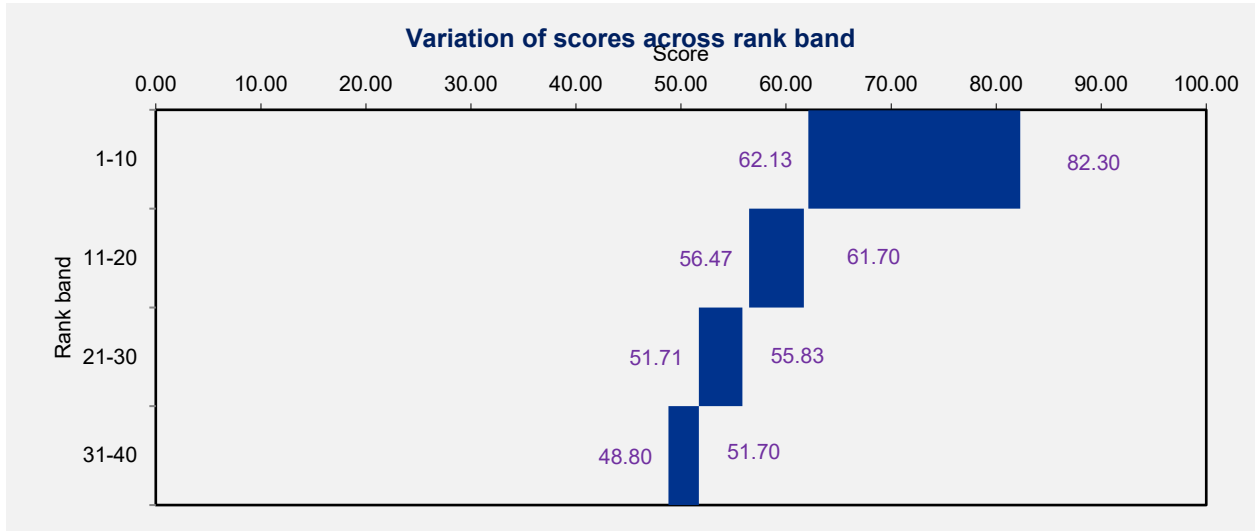
- Total no. of participating institutions:** In the third edition of dental category rankings, a total of 142 institutions have participated. Out of the 142, 40 institutions have been ranked. In contrast to other categories, private institutions are the top three ranked institutions in dental category. The top ranked public and private institutions in the dental category are as follows:

Public/government institutions	Rank	Private institutions	Rank
Maulana Azad Institute of Dental Sciences	4	Saveetha Institute of Medical and Technical Sciences, Chennai	1
King George`s Medical University	5	Manipal Academy of Dental Sciences, Manipal	2
Govt. Dental College, Nagpur	9	Dr. D. Y. Patil Vidyapeeth	3

- Private institutions dominate the dental rankings:** In contrast to the other categories, dental category has a higher representation of private institutions (~72%) as compared to public institutions. These institutes are predominantly affiliated colleges followed by deemed universities. Only eleven out of the top 40 ranked institutions are public/government funded institutions. The distribution is as below:

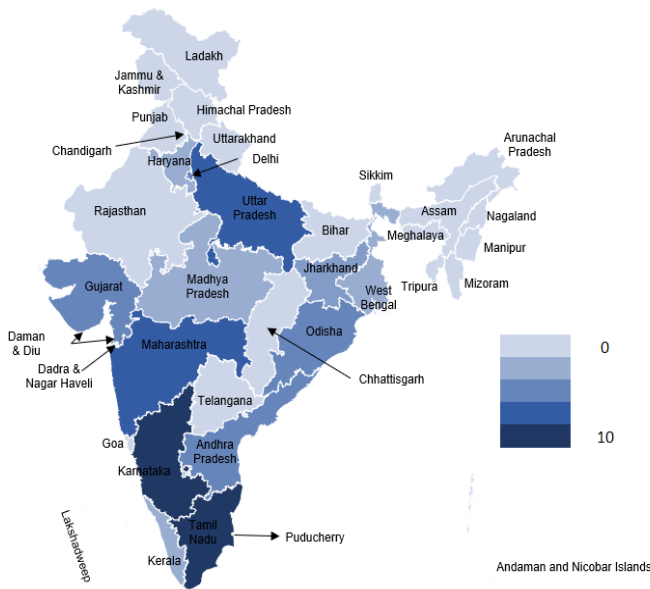


- Variation in scores:** For the top ten ranks, the variation between minimum and maximum scores is around 20.17 marks. For institutions in the lower rank band 11–40, a small shift in score would result in a large increase or decrease of their ranking due to small deviations in scores in these rank bands.



- Karnataka, Tamil Nadu and Maharashtra dominate top 40:** Karnataka, Tamil Nadu and Maharashtra have a dominance with ten, nine and six institutions respectively, accounting for more than 60 per cent of the top 40 dental institutions. The three states have been dominant through the last three years.

State-wise distribution of top 40 dental institutions



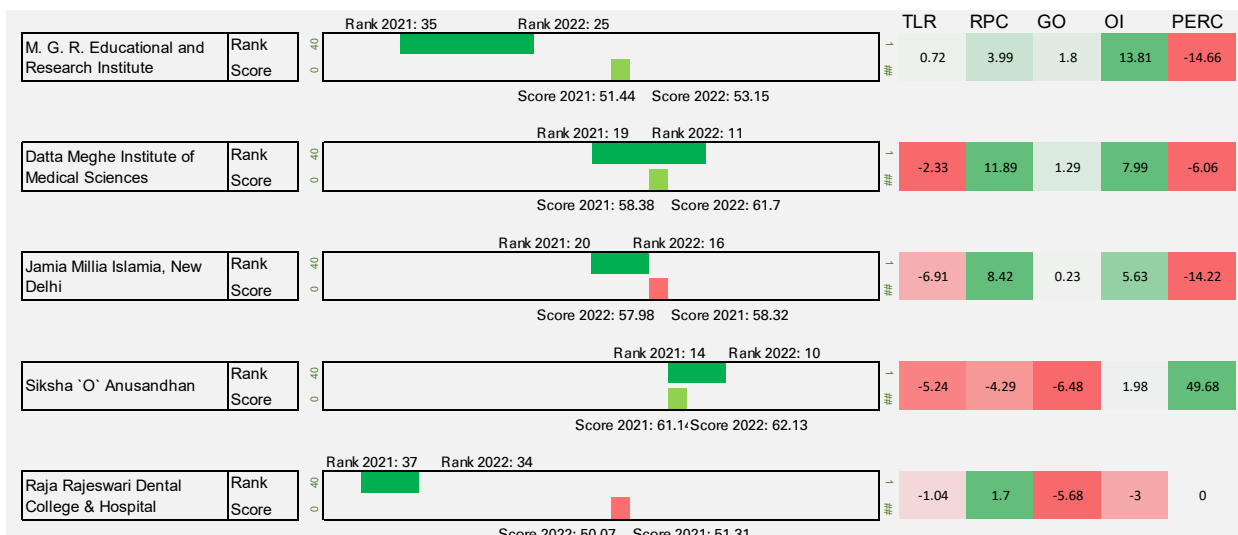
Map indicative only

State	No. of institutions in the top 40	
	2022	2021
Karnataka	10	12
Tamil Nadu	9	7
Maharashtra	6	5
Uttar Pradesh	3	5
Andhra Pradesh	2	1
Delhi	2	2
Gujarat	2	0
Odisha	2	2
Haryana	1	3
Kerala	1	0
Madhya Pradesh	1	1
West Bengal	1	0
Telangana	0	1

- **A total of 11 new entrants into top 40:** Five institutions who had failed to make the cut in NIRF 2021 have achieved a rank in top 40 this year. Six 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:

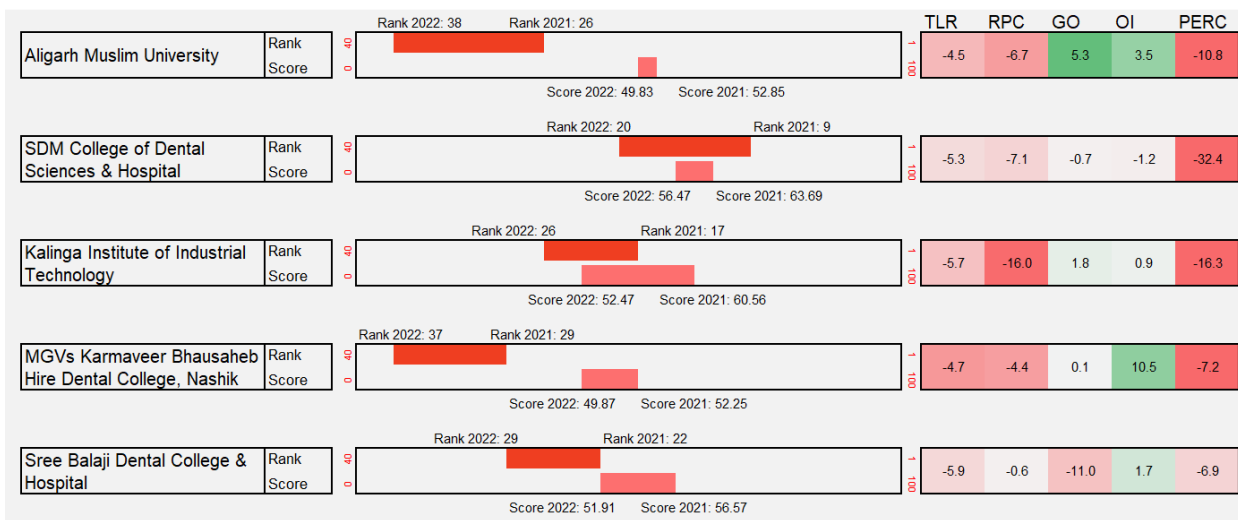
Name of the institute	Type	City	2022 rank	2021 rank
Govt. Dental College, Nagpur	Affiliated college	Nagpur	9	Did not participate
Government Dental College, Bangalore	Affiliated college	Bangalore	18	Did not participate
Banaras Hindu University	Central college	Varanasi	21	Did not participate
Chettinad Dental College and Research Institute	State Private University	Kancheepuram	27	Beyond Top 40
Government Dental College, Kerela	Affiliated College	Kerala	30	Did not participate
Karnavati University	State Private University	Gujarat	31	Did not participate
Ragas Dental College & Hospital, Chennai	Affiliated College	Chennai	32	Did not participate
Gitam Dental College & Hospital	Affiliated College	Visakhapatnam	33	Beyond Top 40
MGM Dental College, Navi Mumbai	Affiliated College	Mumbai	35	Beyond Top 40
Government Dental College, Gujarat	Affiliated College	Gujarat	36	Beyond Top 40
Guru Nanak Institute of Dental Sciences & Research	Affiliated College	Kolkata	40	Beyond Top 40

- **A total of eleven institutions see an improvement in rankings:** The institutions which made the biggest climb (from 2021) are shown below along with their growth in parameter scores. M. G. R. Educational and Research Institute (from 35 to 25), Datta Meghe Institute of Medical Sciences (from 19 to 11) have seen a significant jump (more than 7 ranks) in their overall dental category rankings.



*The values for the parameters are the differences between the scores in 2022 and 2021.

- A total of thirteen institutions have shown a decline in ranks:** The institutions whose performance has gone down by maximum number of ranks from 2021 are shown below along with their change in parameter scores. Aligarh Muslim University, SDM College of Dental Sciences & Hospital, Kalinga Institute of Industrial Technology and MGVs Karmaveer Bhausaheb Hire Dental College, Nashik have witnessed a decline of 12, 11, 9 and 8 positions from the last 2021 respective rankings.



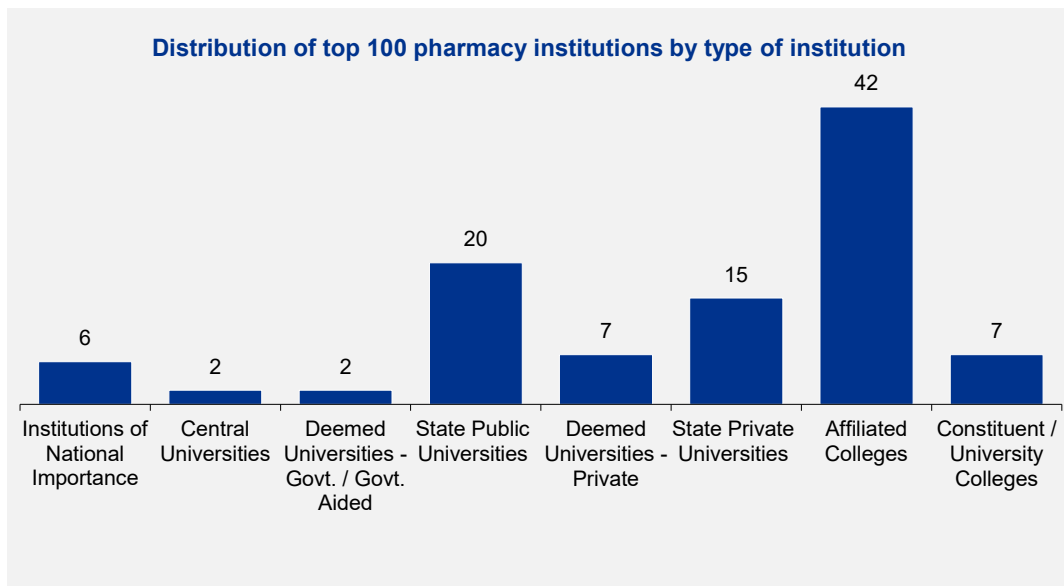
*The values for the parameters are the differences between the scores in 2022 and 2021.

Highlights of NIRF 2022 – Pharmacy category

- Increase in participation in NIRF:** Pharmacy was one of the first categories introduced by NIRF. Number of participating institutions increased to 400 from 351 last year. In these 400 institutions, 87 were new participations. Only seven institutions of these 87 institutions could secure a rank in top 100. Interestingly, 38 institutions that participated last year in the rankings, did not participate this year.
- Increase in per cent of institutes ranked:** This year top 101 institutions have been ranked where two institutions share the same rank at the 100th position. The participating institutions constitute ~46.67 per cent of total pharmacy institutions (857 pharmacy institutions that are AICTE approved in 2021-22) out of which ~ 25 per cent have been ranked.
- Top ranked pharmacy institutes across categories:** Jamia Hamdard, Delhi has topped the category. Birla Institute of Technology & Science, Pilani is the top private institution in the category. The top three private institutions continue to retain their spots in the top three from NIRF 2021, whereas National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad jumped from Rank 6 (2021) to Rank 2 (2022), leaving behind NIPER, Mohali.

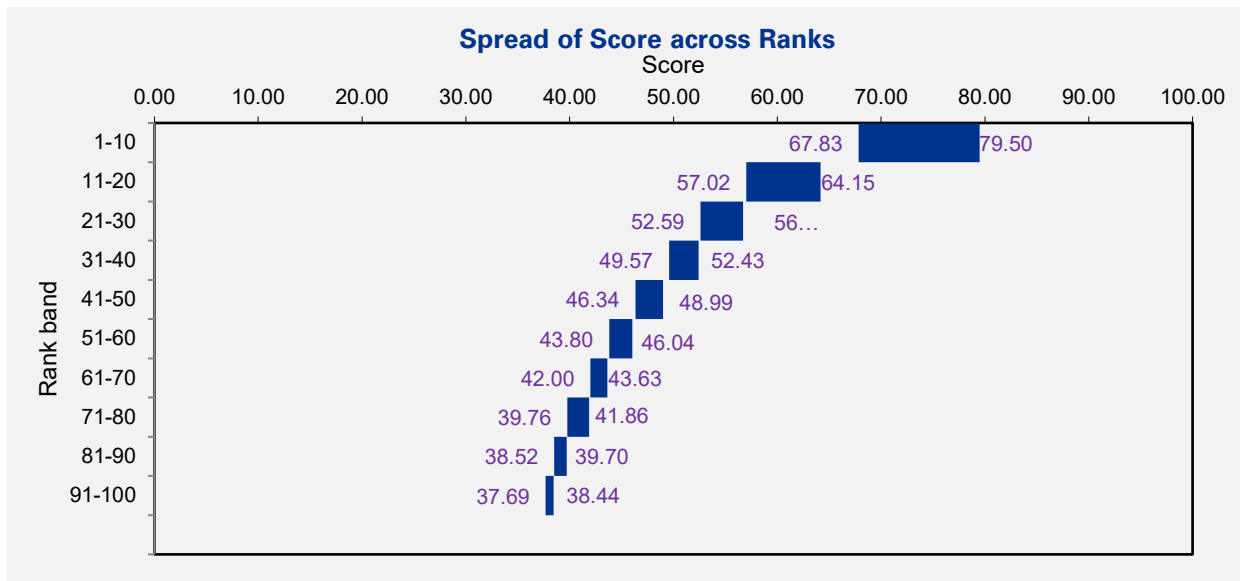
Public/government institutions	Rank	Private Institutions	Rank
Jamia Hamdard	1	Birla Institute of Technology & Science	5
National Institute of Pharmaceutical Education and Research, Hyderabad	2	JSS College of Pharmacy	6
Panjab University	3	Manipal College of Pharmaceutical Sciences, Manipal	9

- Affiliated colleges claim majority in top 100:** 49 of the top 101 institutions are affiliated colleges, followed by 22 private universities (deemed/state private), and 22 state public universities.



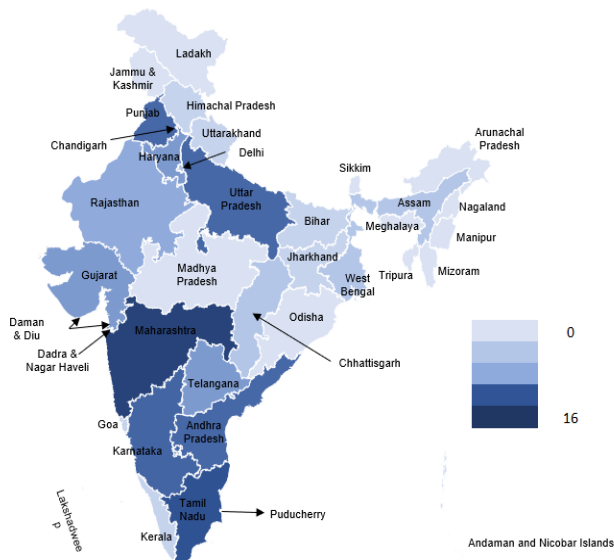
Note: Two institutes were ranked at 100th position, hence there are 101 ranked institutes

Variation in scores by rank band: Within one to 10 ranks, the variation between minimum and maximum scores is around 11.67, 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 0.75. The graph below shows the spread of scores by rank band:



- Maharashtra and Tamil Nadu dominate top 100:** Maharashtra and Tamil Nadu continue to dominate in pharmacy rankings, featuring 16 and 11 institutions respectively in top 101. In NIRF 2021 as well, the two states among them, had 20 institutions featuring in top 75.

State-wise distribution of top 100 pharmacy institutions



State	No. of institutions in the top 100	
	2022	2021
Maharashtra	16	20
Tamil Nadu	11	10
Karnataka	9	9
Uttar Pradesh	9	9
Andhra Pradesh	9	8
Telangana	6	6
Gujarat	6	7
Haryana	6	3
Rajasthan	5	6
West Bengal	2	3
Chhattisgarh	2	2
Delhi	2	2
Assam	2	2
Others	15	13

Map indicative only

- Twelve new entrants into top 75:** Of the twelve new entrants, six institutions have moved up their ranking into the top 75, four institutions are first-time applicants and the remaining two institutions applied last year but were not ranked. Details of new entrants are provided in table below:

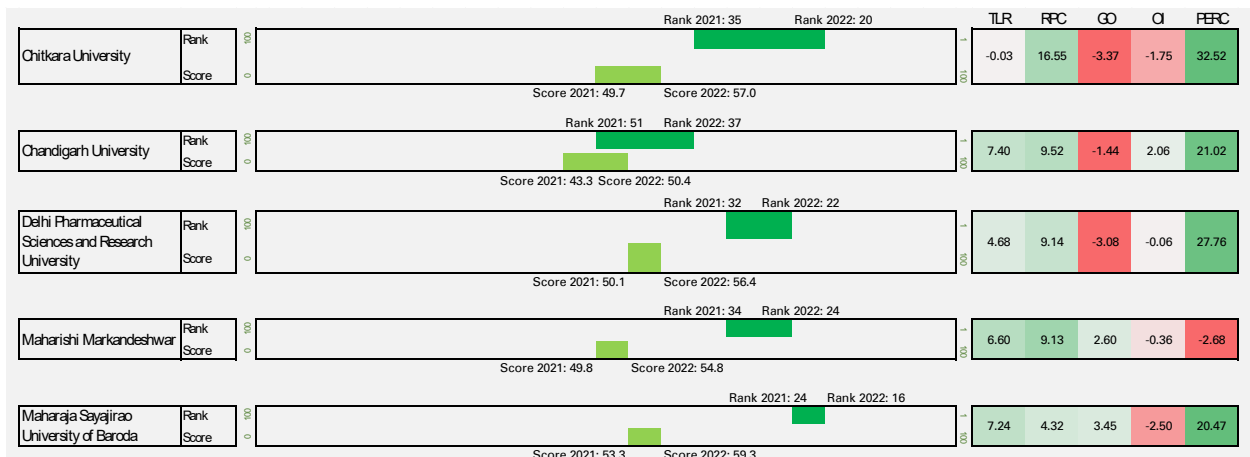
Name of the institute	Type of institution	City	2022 rank	2021 rank
Jadavpur University	State Public University	Kolkata	18	Did not participate
Central University of Punjab	Central University	Punjab	26	Did not participate
The Rashtrasant Tukadoji Maharaj Nagpur University	State Public University	Nagpur	42	76-100
Gandhi Institute of Technology and Management	Deemed University – Private	Visakhapatnam	49	Did not participate
The Nandha College of Pharmacy	Affiliated College	Erode	50	Did not participate
Acharya Nagarjuna University College of Science	Affiliated College	Guntur	51	Participated, but not ranked
Shri Vishnu College of Pharmacy	Affiliated College	Bhimavaram	54	76-100
Galgotias University	State Private University	Gautam Budh Nagar	59	76-100
College of Pharmacy, Madras Medical College	Affiliated College	Chennai	63	76-100
Suresh Gyan Vihar University	State Private University	Jaipur	64	76-100
CMR College of Pharmacy	Affiliated College	Rangareddy	72	76-100
National Institute of Pharmaceutical Education and Research Hajipur	Institution of National Importance	Hajipur	75	Participated, but not ranked

- **Eight new entrants in 76-100 rank:** Of the eight new entrants, three were the first-time applicants this year whereas the remaining five institutions were not ranked last year. Details of new entrants are provided in table below:

Name of the institute	Type of institution	City	2022 rank	2021 rank
Sam Higginbottom Institute of Agriculture, Technology & Sciences	Affiliated College	Prayagraj	79	Participated, but not ranked
College of Pharmacy, Pt. B. D. Sharma, PGIMS	Affiliated College	Rohtak	81	Did not participate
Kurukshetra University	State Public University	Kurukshetra	83	Participated, but not ranked
Parul University	State Public University	Vadodara	86	Did not participate
Marathwada Mitra Mandal's College of Pharmacy	Affiliated College	Pune	90	Participated, but not ranked
Al Shifa College of Pharmacy, Perinthalmanna	Affiliated College	Malappuram	96	Participated, but not ranked

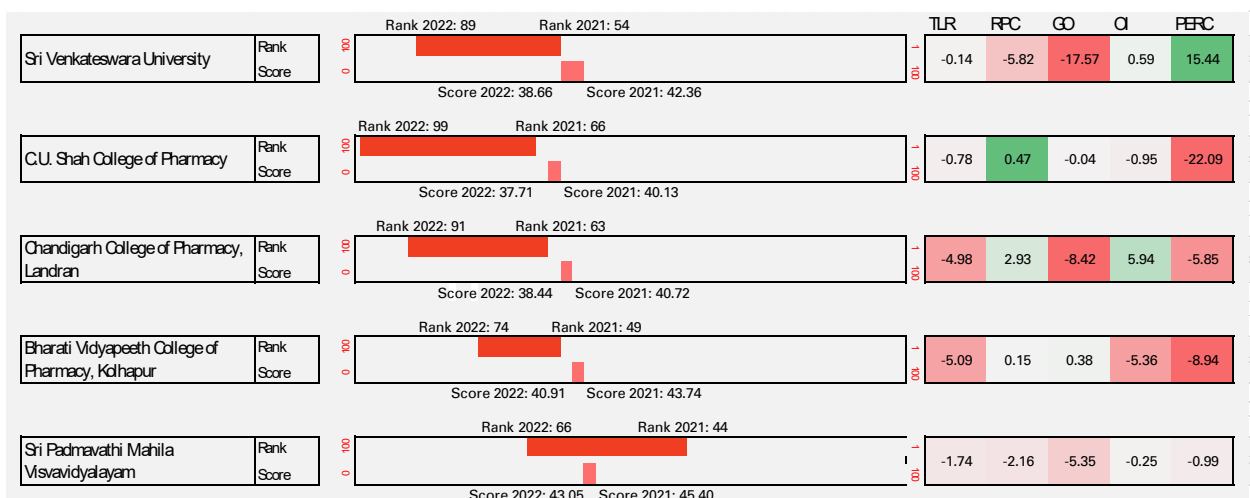
Krupanidhi College of Pharmacy	Affiliated College	Bengaluru	98	Participated, but not ranked
Shree Guru Gobind Singh Tricentenary University	State Private University	Gurgaon	100	Did not participate

- Institutions showing an improvement in rankings:** Overall, 24 institutions have seen a climb in their rankings whereas six institutions have maintained their ranks, as compared to 2021. Chitkara University and Chandigarh University have seen a significant jump of 15 and 14 ranks to rank 20th and 37th respectively in NIRF 2022 ranks for Pharmacy category. The five institutions which have climbed maximum number of ranks from 2021 are shown below along with the change in parameter scores. Four out of these five institutions here have seen a significant improvement in the perception scores.



Note: The values for the parameters are the differences between the scores in 2022 and 2021

- Institutions with decline in ranking:** Overall 41 institutions have seen a decline in their rankings compared to 2021, with 32 institutions falling in rankings within top 75 (2022 rankings). Sri Venkateshwara University has seen a big drop of 35 ranks followed by C. U. Shah College of Pharmacy with a drop of 33 ranks. The institutions which have declined maximum number of ranks from 2022 are shown below along with their change in parameter scores.



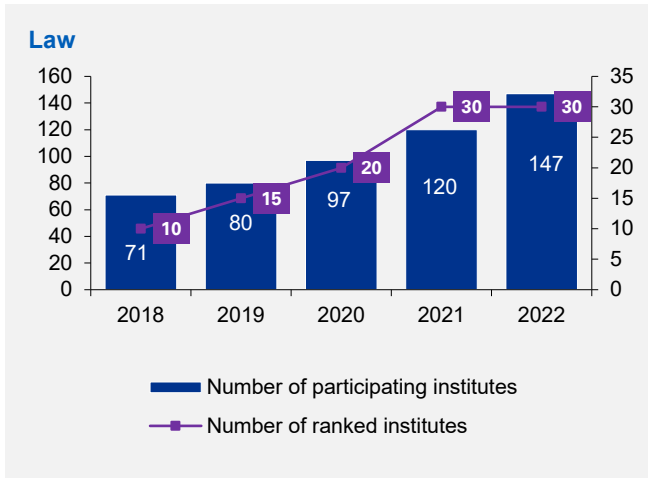
Note: The values for the parameters are the differences between the scores in 2022 and 2021

Highlights of NIRF 2022 – 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 147 in 2022.

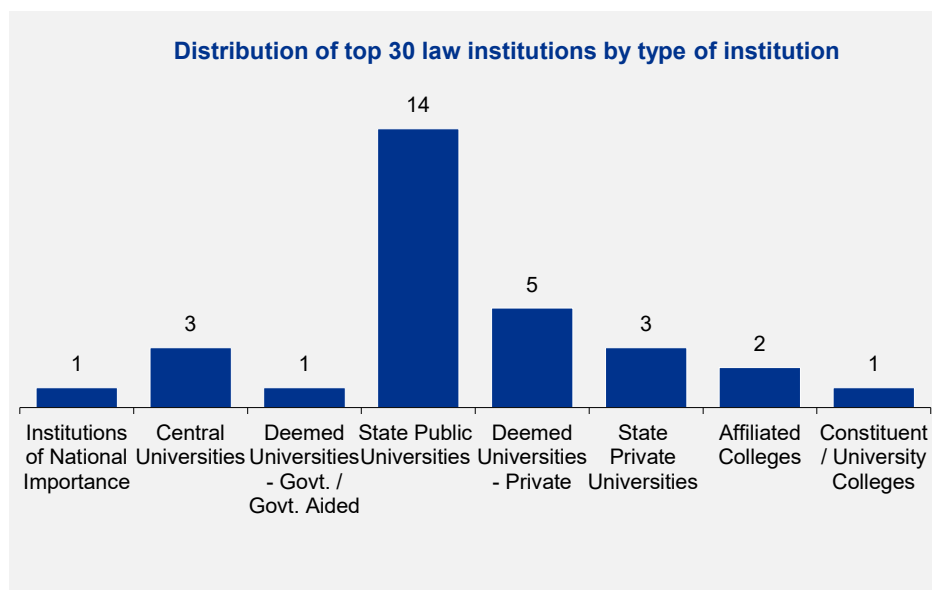
The number of institutes ranked under the law category has been increasing every year from 10 institutes in 2018 to 30 institutes in 2022.



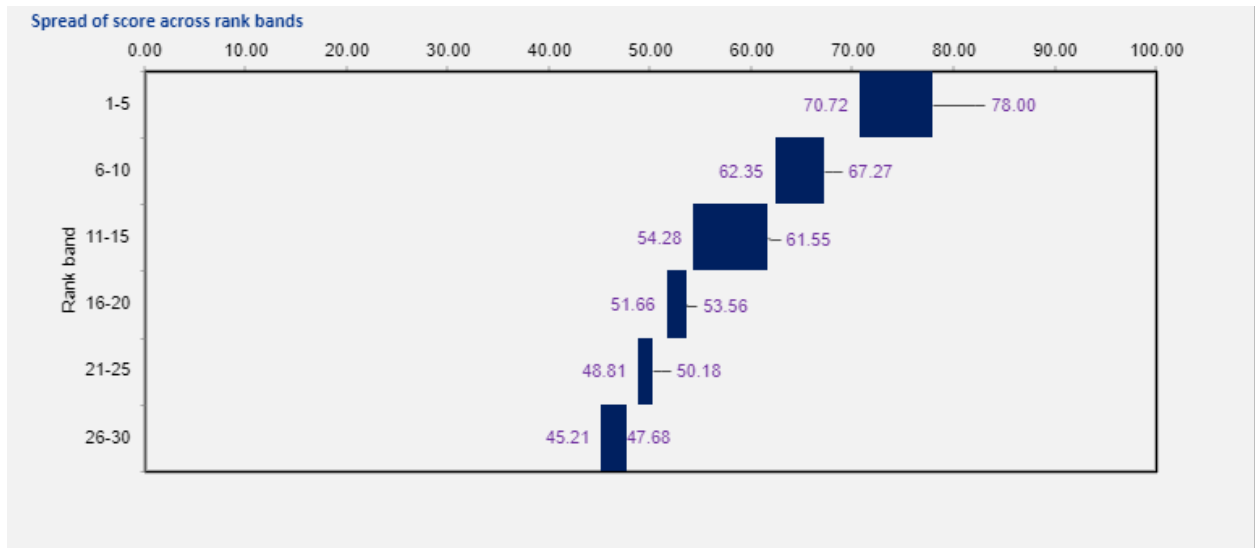
- **Improvement in rankings of Private universities:** While National Law School of India University (NLSIU) and National Law University, Delhi continue to occupy the top two spots, Symbiosis Law School, Pune has entered the top three band moving up from ninth rank to third rank. Overall, nine private institutions are ranked in top 30.

Public/government institutions	Rank	Private institutions	Rank
National Law School of India University, Bengaluru	1	Symbiosis Law School, Pune	3
National Law University, New Delhi	2	Siksha 'O' Anusandhan	9
NALSAR University of Law, Hyderabad	4	Kalinga Institute of Industrial Technology	11

- **State public universities dominate the rankings:** The rankings continue to be dominated by state public universities (14 in top 30) similar to the trend seen in previous editions.

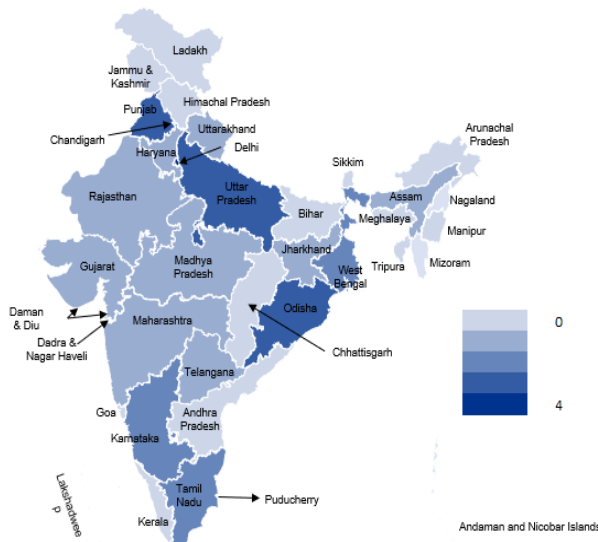


- Variation in scores across rank bands:** The spread of scores drops from the top rank bands (1-5 and 6-10) to the lower ones (16-20, 21-25, 26-30) indicating that small changes in scores of rank band 11-20 and 21-30 can lead to a higher jump in ranks.



- The top ranked law institutes are distributed across the country**

State-wise distribution of top 30 law institutions



State	No. of institutions in the Top 30	
	2022	2021
Delhi	4	4
Odisha	3	2
Uttar Pradesh	3	3
Punjab	3	3
Tamil Nadu	2	2
Karnataka	2	2
West Bengal	2	2
Maharashtra	1	1
Telangana	1	2
Gujarat	1	1
Haryana	1	0
Madhya Pradesh	1	1
Uttarakhand	1	1
Jharkhand	1	0
Rajasthan	1	1
Assam	1	1
Others	2	4

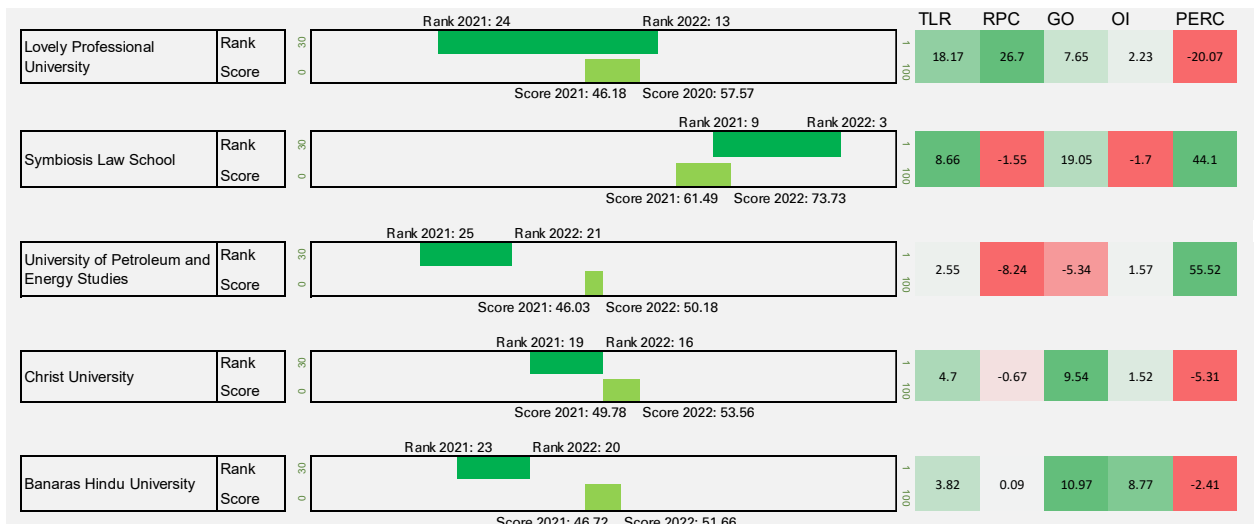
Map indicative only

- There are three new entrants in top 30** which include two Private Universities and one Public University.
- There is a significant change in the institute rankings** with 10 out of 12 State public universities moving down in ranks with exception of National Law School of India University,

Bengaluru and National Law University, New Delhi still holding their positions. Private Universities have improved their rankings with four out of seven Private Universities have moved up in ranks and a total of six out of 30 universities have improved their rankings with three of them being new entrants.

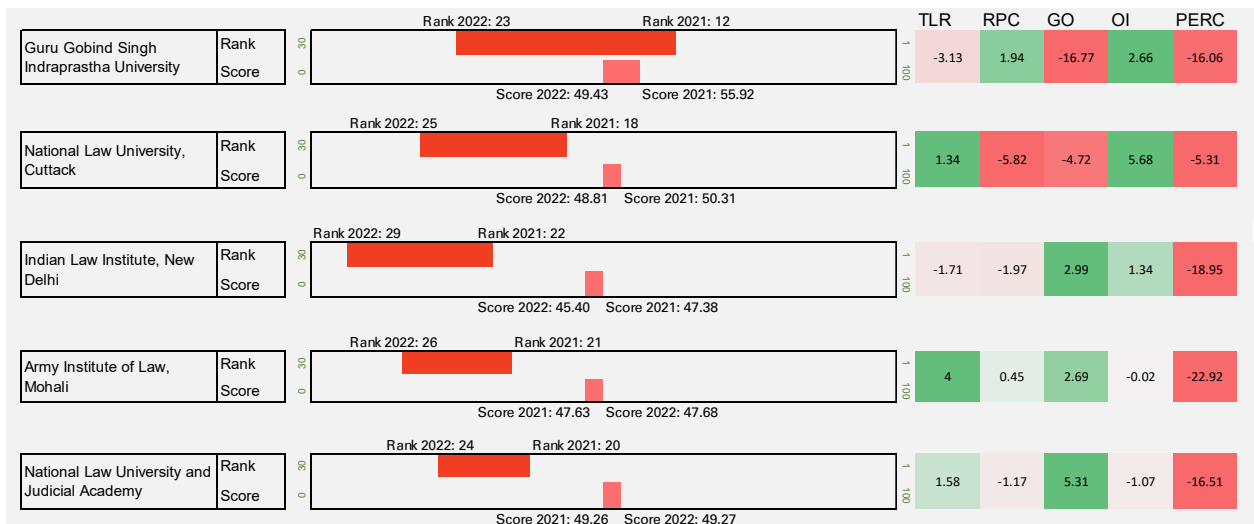
Institute	City	Rank in 2022	Rank in 2021	Change	Type of Institute
National Law School of India University	Bengaluru	1	1	▬	State Public University
National Law University	New Delhi	2	2	▬	State Public University
Symbiosis Law School	Pune	3	9	▲	Deemed University-Private
Nalsar University of Law	Hyderabad	4	3	▼	State Public University
The West Bengal National University of Juridical Sciences	Kolkata	5	4	▼	State Public University
Indian Institute of Technology, Kharagpur	Kharagpur	6	5	▼	Institute of National Importance
Jamia Millia Islamia, New Delhi	New Delhi	7	7	▬	Central University
Gujarat National Law University	Gandhinagar	8	6	▼	State Public University
Siksha 'O' Anusandhan	Bhubaneswar	9	-	New Entrant	Deemed University-Private
National Law University, Jodhpur	Jodhpur	10	8	▼	State Public University
Kalinga Institute of Industrial Technology	Bhubaneswar	11	10	▼	Deemed University-Private
Aligarh Muslim University	Aligarh	12	11	▼	Central University
Lovely Professional University	Phagwara	13	24	▲	State Private University
Saveetha Institute of Medical and Technical Sciences	Chennai	14	13	▼	Deemed University-Private
National Law Institute University, Bhopal	Bhopal	15	14	▼	State Public University
Christ University	Bengaluru	16	19	▲	Deemed University-Private
Dr. Ram Manohar Lohiya National Law University, Lucknow	Lucknow	17	15	▼	State Public University
The Rajiv Gandhi National University of Law, Patiala	Patiala	18	16	▼	State Public University
Shanmugha Arts Science Technology & Research Academy	Thanjavur	19	17	▼	Deemed University-Private
Banaras Hindu University	Varanasi	20	23	▲	Central University
University of Petroleum and Energy Studies	Dehradun	21	25	▲	State Private University
National University of Study & Research in	Ranchi	22	-	New Entrant	State Public University
Guru Gobind Singh Indraprastha University	New Delhi	23	12	▼	State Public University
National Law University and Judicial Academy	Kamrup	24	20	▼	State Public University
National Law University	Cuttack	25	18	▼	State Public University
Army Institute of Law, Mohali	Mohali	26	21	▼	Affiliated College
Amity University Haryana, Gurgaon	Gurugram	27	-	New Entrant	State Private University
Sikkim Government Law College, Burtuk	Gangtok	28	30	▲	Affiliated College
Indian Law Institute	New Delhi	29	22	▼	Deemed University-Govt.aided
Panjab University	Chandigarh	30	27	▼	State Public University

- Institutions showing an improvement in rankings:** Overall, five institutions have seen a climb in their rankings whereas three institutions have maintained their ranks, as compared to 2021. Lovely Professional University, Phagwara and Symbiosis Law College, Pune have seen a significant movement of 11 ranks and 6 ranks respectively. University of Petroleum and Energy Studies has moved up by 6 ranks whereas Christ University and Banaras Hindu University both have moved up by 3 ranks, Banaras Hindu University being the only Central University amongst the five big movers and rest four being Private Universities.



Note: The values for the parameters are the differences between the scores in 2022 and 2021

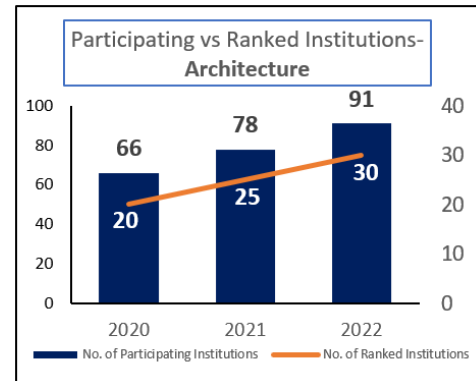
- Institutions showing a decline in rankings:** Overall, 18 institutions have seen a drop in their rankings whereas two institutions have maintained their ranks, as compared to 2021. Guru Gobind Singh Indraprastha University, National Law University, Cuttack, and Indian Law Institute, New Delhi have seen a significant drop of 11, 7, and 7 ranks respectively.



Note: The values for the parameters are the differences between the scores in 2022 and 2021

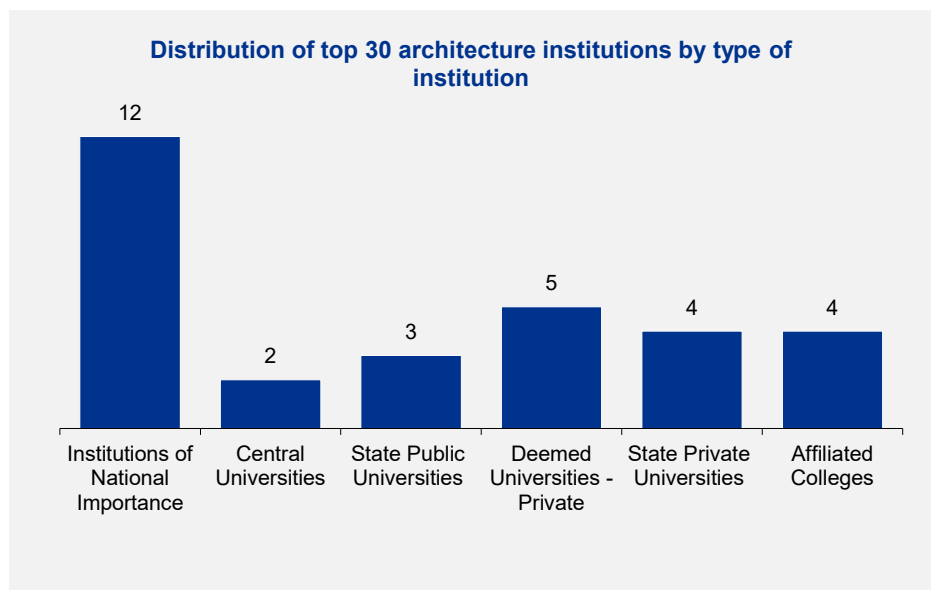
Highlights of NIRF 2022 – Architecture category

- Total no. of participating institutions:** Since the introduction of architecture as a category in 2018, the number of participating institutions has seen a steady increase. This category had about 59 institutions participating in 2018, which has grown to about 91 institutions in 2022.
- 91 institutions have applied in 2022 out of which top 30 institutions have been ranked. In 2021, 25 institutions were ranked out of the 78 applications.
- IIT Roorkee, NIT Calicut & IIT Kharagpur retain their top three positions.** Nine out of the top 10 institutions from 2021 rankings retained their positions in 2022 rankings.
- Every institute in the top 10 was a public institute and the category saw a new entrant- Visvesvaraya National Institute of Technology (VNIT) in 2022 rankings.
- The top performers for NIRF 2022 in the architecture category are as follows:

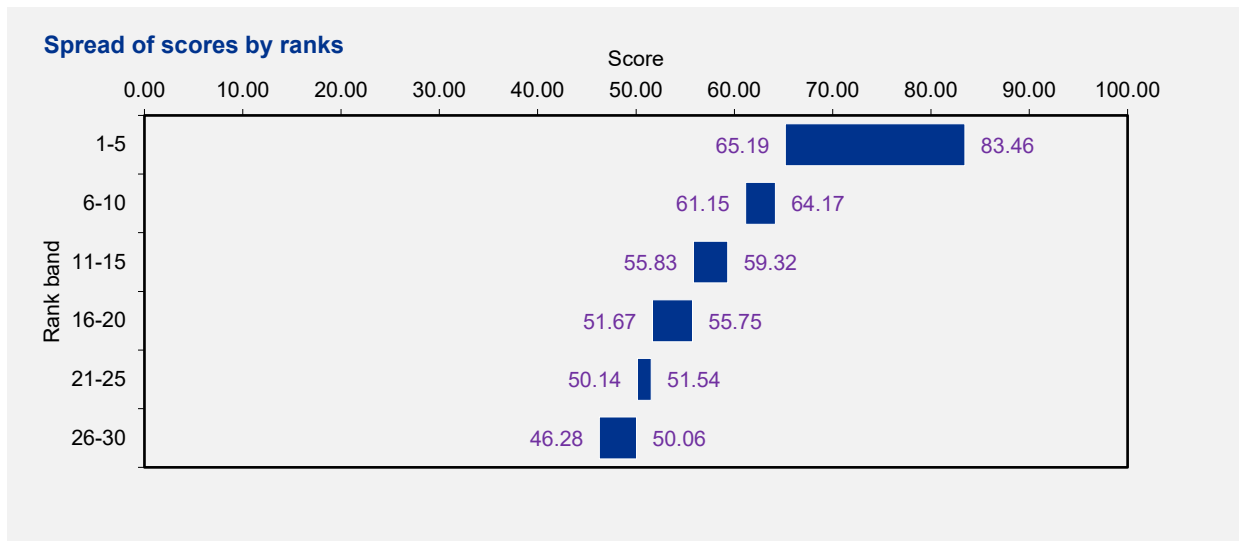


Public/Government institutions	Rank	Private institutions	Rank
Indian Institute of Technology, Roorkee	1	SRM Institute of Science & Technology	11
National Institute of Technology, Calicut	2	Lovely Professional University	12
Indian Institute of Technology, Kharagpur	3	Manipal School of Architecture and Planning	15

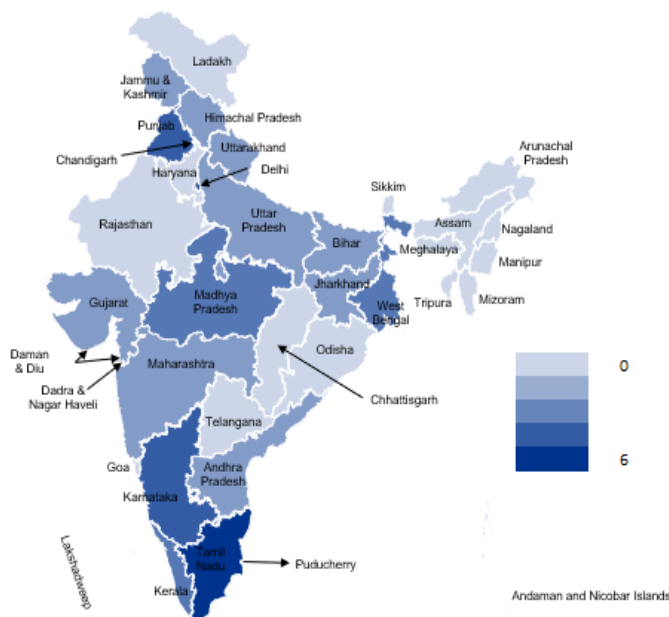
- Institutes of National Importance are in majority in top 30:** 40 per cent of the ranked institutes (12 out of 30) are Institutes of National Importance. This trend could be observed in NIRF 2021 as well (11 out of 25).



- Variation in scores:** For the top five ranks, the variation between minimum and maximum scores is around 18.27 marks. For institutions in the lower rank band 6–30, a small shift in score would result in a large increase or decrease of their ranking due to small deviations in scores in these rank bands



- The top 30 institutions in the category are distributed across 16 states with six institutions from Tamil Nadu.** Punjab, Karnataka and Delhi are next with each state having three institutions in the top 30 of NIRF 2022 rankings.



Map indicative only

State	No. of institutions in top 30	
	2022	2021
Tamil Nadu	6	4
Punjab	3	3
Karnataka	3	2
Delhi	3	2
Kerala	2	2
West Bengal	2	2
Madhya Pradesh	2	2
Uttarakhand	1	1
Gujarat	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	1	0

- **There are six new entrants in the list:** As the number of ranked institutions increased from 25 to 30, six new institutions were ranked this time and one institution (*Centre for Environmental Planning and Technology University, Ahmedabad*) was unranked. Other than few institutions, the category ranking list did see some shuffle in the rankings as compared to NIRF 2021 rankings.

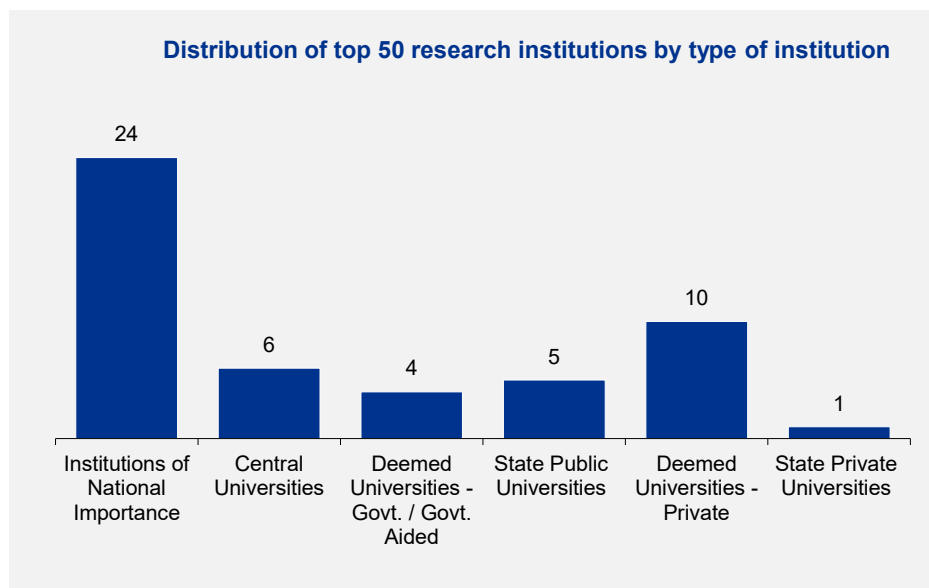
Name	City	2021 Rank	2022 Rank	Change
Indian Institute of Technology, Roorkee	Roorkee	1	1	
National Institute of Technology, Calicut	Kozhikode	2	2	
Indian Institute of Technology, Kharagpur	Kharagpur	3	3	
School of Planning and Architecture, New Delhi	New Delhi	4	4	
National Institute of Technology, Tiruchirappalli	Tiruchirappalli	7	5	▲
Indian Institute of Engineering Science and Technology	Howrah	9	6	
School of Planning & Architecture, Vijayawada	Vijayawada	8	7	▲
Visvesvaraya National Institute of Technology, Nagpur	Nagpur	17	8	▲
Jamia Millia Islamia, New Delhi	New Delhi	10	9	▲
School of Planning and Architecture, Bhopal	Bhopal	6	10	▼
S.R.M. Institute of Science and Technology	Chennai	NA	11	New Entrant
Lovely Professional University	Phagwara	12	12	
Aligarh Muslim University	Aligarh	13	13	
College of Engineering, Trivandrum	Thiruvananthapuram	11	14	▼
Manipal School of Architecture and Planning, Mahe	Udupi	18	15	▲
Shri Mata Vaishno Devi University	Katra	24	16	▲
M. S. Ramaiah Institute of Technology	Bengaluru	NA	17	New Entrant
BMS College of Architecture	Bengaluru	15	18	▼
Chandigarh University	Mohali	16	19	▼
Maulana Azad National Institute of Technology	Bhopal	20	20	
Nirma University	Ahmedabad	NA	21	New Entrant
Chitkara University	Rajpura	21	22	▼
Thiagarajar College of Engineering	Madurai	19	23	▼
Guru Gobind Singh Indraprastha University	New Delhi	NA	24	New Entrant
Birla Institute of Technology	Ranchi	14	25	▼
National Institute of Technology, Hamirpur	Hamirpur	23	26	▼
Hindustan Institute of Technology and Science (HITS)	Chennai	NA	27	New Entrant
M. G. R. Educational and Research Institute	Chennai	25	28	▼
Anna University	Chennai	22	29	▼
National Institute of Technology, Patna	Patna	NA	30	New Entrant

Highlights of NIRF 2022 – Research category

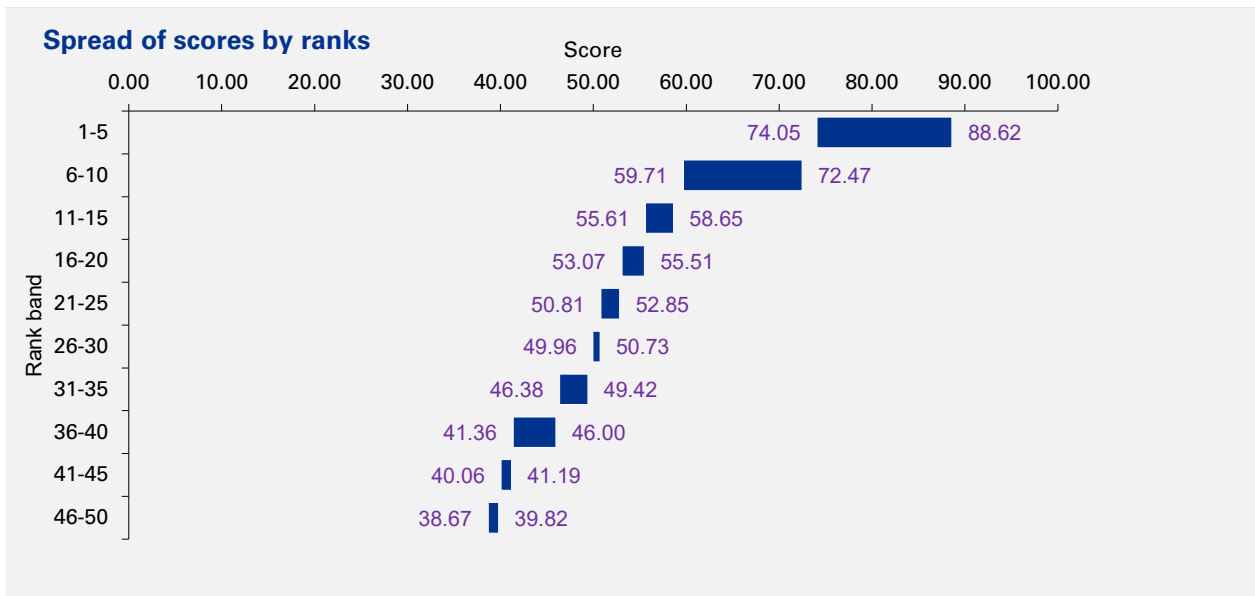
- **Total no. of participating institutions:** This category was introduced in 2021 in the NIRF rankings and in the second edition of research category rankings, a total of 50 institutions have been ranked.
- The methodology used for evaluation of institutes under research categories are different from 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/Government Institutions	Rank	Private Institutions	Rank
Indian Institute of Science	1	Vellore Institute of Technology	10
Indian Institute of Technology Madras	2	Manipal Academy of Higher Education	30
Indian Institute of Technology Delhi	3	Amrita Vishwa Vidyapeetham	31

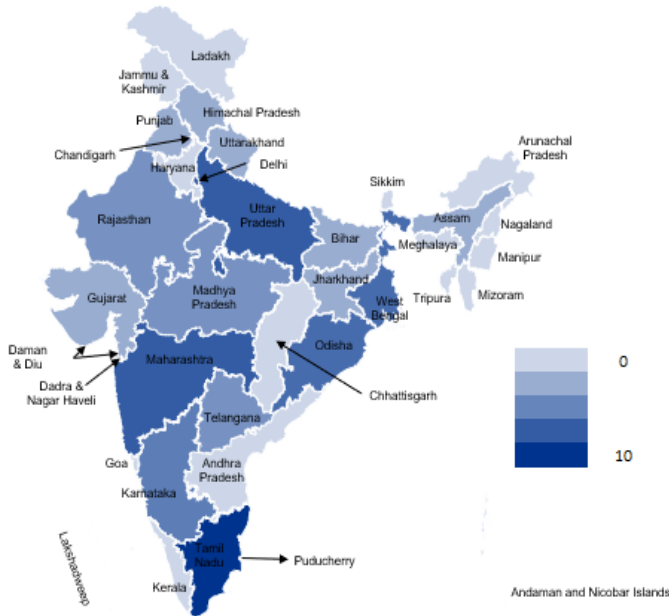
- It could be observed that research specific institutions like **Tata Institute of Fundamental Research, Homi Bhabha National Institute, Academy of Scientific & Innovative Research** have participated and have been ranked among the top 50 institutions under research category.
- **Public institutions claim majority in top 50 rankings:** 39 of the top 50 institutions are public institutions in the top 50 ranking. **The Institutions of National importance contribute close to 50 per cent** 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 14.57 and 12.76 marks. For institutions in the lower rank band 11–50, a small shift in score would result in a large increase or decrease of their ranking due to small deviations in scores in these rank bands.



- Tamil Nadu has strong dominance in the research category with 10 institutions** featuring in the top 50. This is followed by Delhi, Uttar Pradesh, and Maharashtra with each having around 5 institutions in the top 50 in NIRF 2022 rankings.



Map indicative only

State	No. of institutions in Top 50	
	2022	2021
Tamil Nadu	10	8
Maharashtra	5	6
Delhi	5	5
Uttar Pradesh	5	4
West Bengal	4	6
Odisha	4	2
Karnataka	3	5
Telangana	2	2
Madhya Pradesh	2	2
Rajasthan	2	1
Punjab	1	3
Uttarakhand	1	1
Assam	1	1
Jharkhand	1	1
Chandigarh	1	1
Gujarat	1	1
Others	2	1

- **There are nine new entrants in the list:** Though the number of ranked institutions remained the same as previous year, nine new institutions were ranked in the NIRF 2022 rankings, replacing 9 other institutions.

Name of the institute	Type of institution	City	2022 rank	2021 rank
Amity University	State Private University	Budh Nagar	38	NA
Indian Institute of Technology, Mandi	Institution of National Importance	Mandi	39	NA
Indian Institute of Engineering Science and Technology	Institution of National Importance	Howrah	40	NA
Alagappa University	State Public University	Karaikudi	43	NA
Siksha `O` Anusandhan	Deemed University - Private	Bhubaneswar	45	NA
Malaviya National Institute of Technology	Institution of National Importance	Jaipur	46	NA
Kalinga Institute of Industrial Technology	Deemed University – Private	Bhubaneswar	47	NA
Saveetha Institute of Medical and Technical Sciences	Deemed University - Private	Chennai	48	NA
National Institute of Technology, Silchar	Institution of National Importance	Silchar	50	NA

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