# National Institutional Ranking Framework (NIRF): Research and Professional Practice

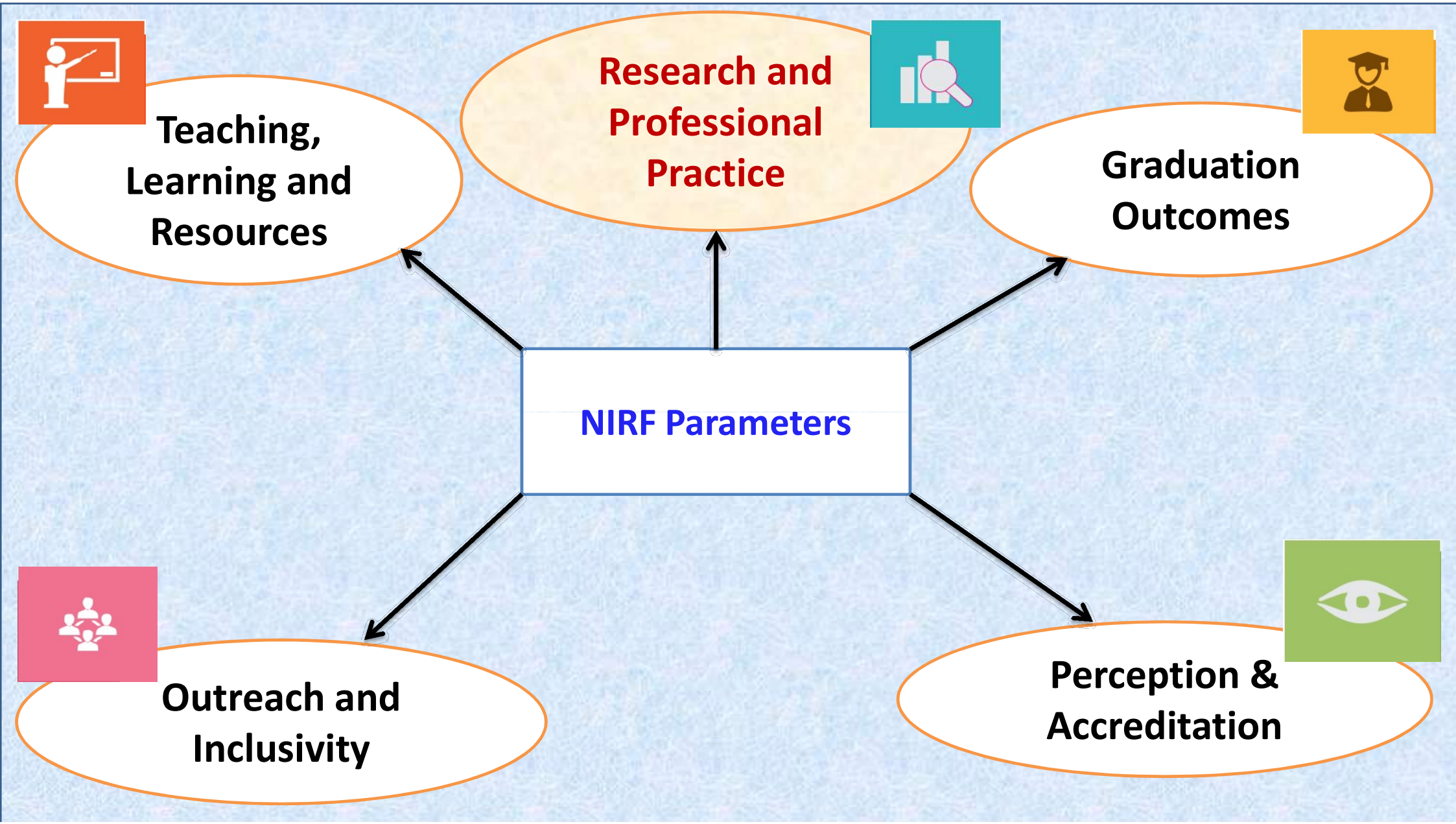
**Prof. Dinesh Kumar**
**Director (Global Ranking)**
**Kurukshetra University Kurukshetra**
**(A++ Grade NAAC Accredited)**

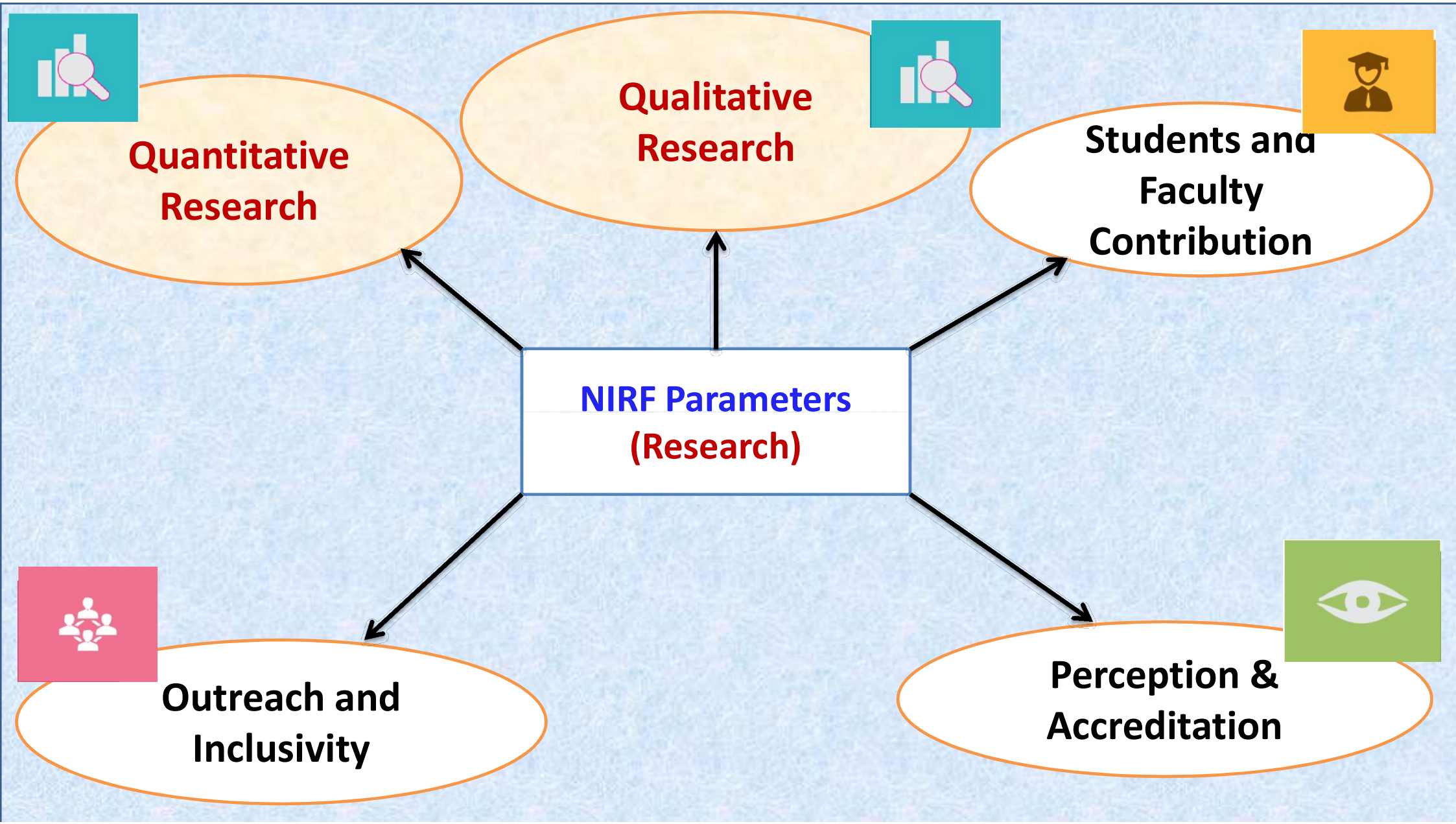
# Why to Participate in NIRF?

- *Helps in NAAC assessment and accreditation.*
- *Proof that IQAC is functional.*
- *Helps in SWOC analysis.*
- *Where institution stands relative to other institutions.*
- *Improves the reputation/perception and hence admission seekers.*
- *Helps to get more funds from external agencies.*
- *Helps to manage the data properly.*
- *Improves quality of higher education.*

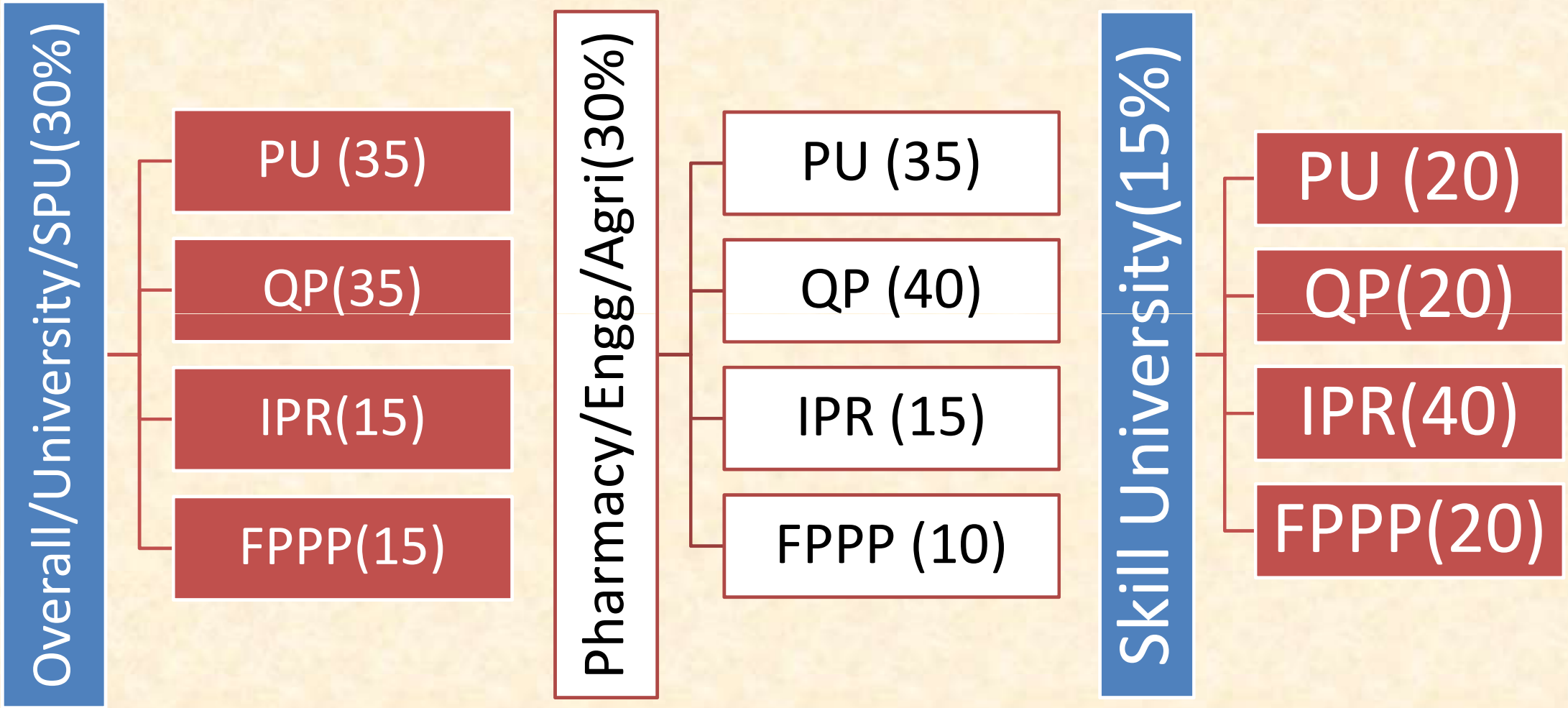
# NIRF -2025


Overall
Universities
Colleges
Research Institutions
Engineering
Pharmacy
Medical
Dental
Law

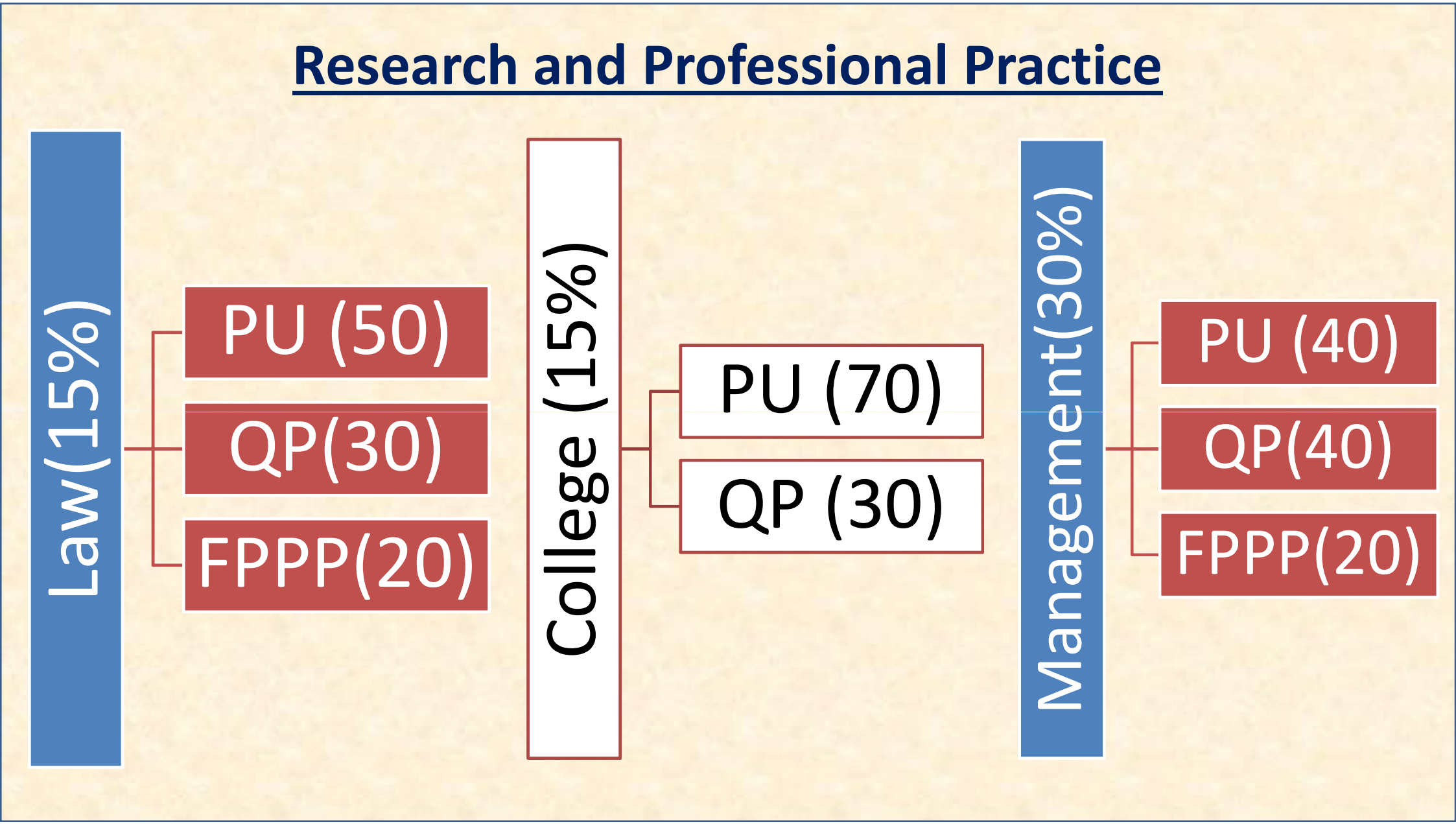

Teaching, Learning and Resources
Research and Professional Practice
Graduation Outcomes
NIRF Parameters
Outreach and Inclusivity
Perception & Accreditation


Quantitative Research
Qualitative Research
Students and Faculty Contribution
NIRF Parameters (Research)
Outreach and Inclusivity
Perception & Accreditation

# Research and Professional Practice

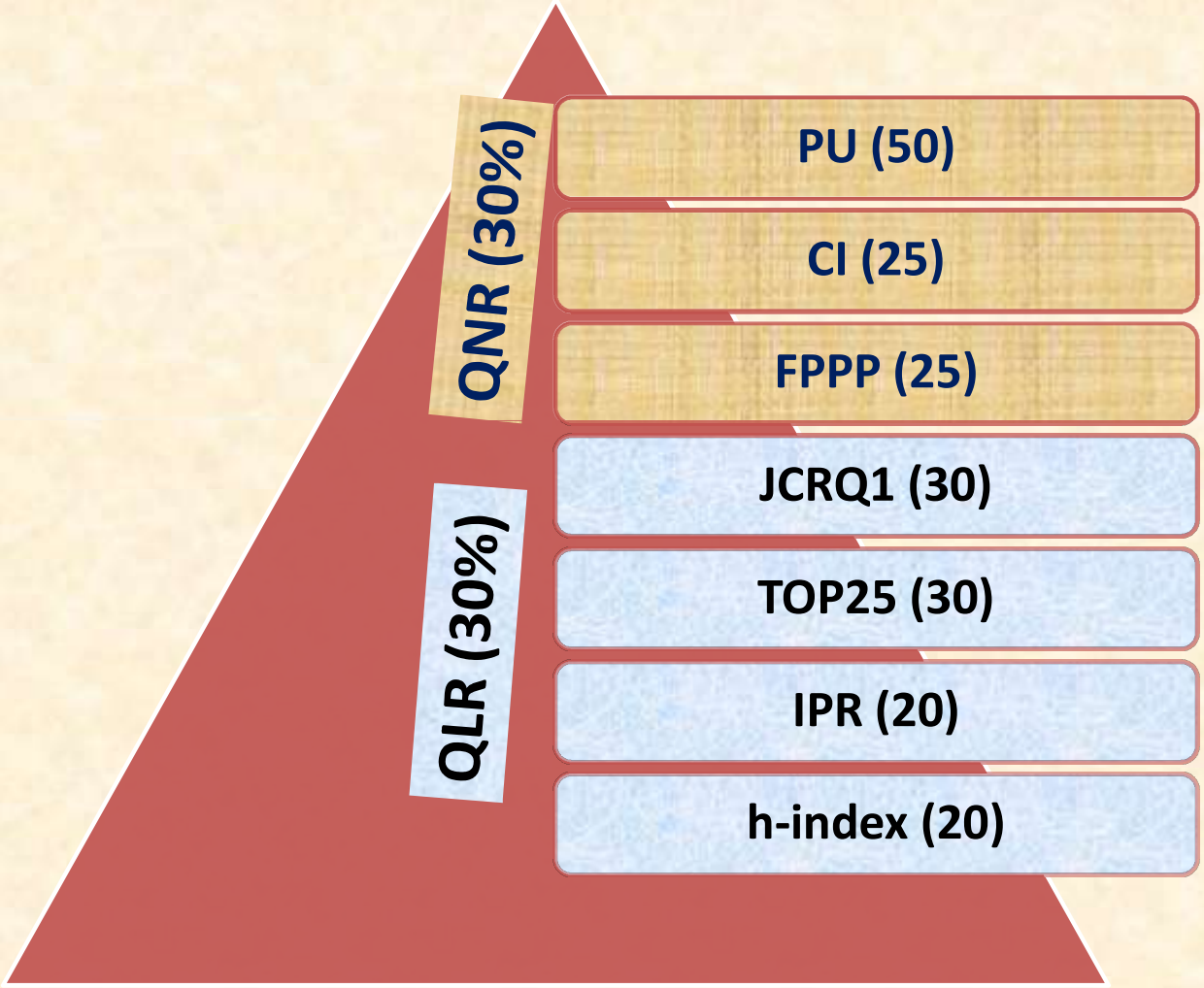


# Research and Professional Practice



# Research and Professional Practice

## (Category: Research Institutions)



# Research and Professional Practice: PU

- $PU = 35 \times f(P/F_{RQ}) - 7.5f(P_{ret})$ for Overall/University/SPU
- $PU = 35 \times f(P/F_{RQ}) - 5f(P_{ret})$ for Engineering
- $PU = 35 \times f(P/F_{RQ})$ for Pharmacy/Agricultural
- $PU = 20 \times f(P/F_{RQ})$ for Skill University
- $PU = 50 \times f(P/F_{RQ})$ for Law
- $PU = 40 \times f(P/F_{RQ})$ for Management
- $PU = 70 \times f(P/F_{RQ})$ for Colleges
- $PU = 50 \times f(P1/F_{RQ})$ for Research



P : Weighted No. of publications

P1: Total No. of Publications

$F_{RQ}$ : required faculty for 1:15/1:20

$P_{ret}$: No. of retracted publications

***Data Source: Third Party***

# Research and Professional Practice: QP

- $QP = \{20 \times f\,(CC/P) + 15f\,(TOP25P/P)\} - 7.5f(C_{ret})$ for Overall/University/SPU
- $QP = \{20 \times f\,(CC/P) + 20f\,(TOP25P/P)\} - 5f(C_{ret})$ for Engineering
- $QP = \{20 \times f\,(CC/P) + 20f\,(TOP25P/P)\}$ for Pharmacy/Agricultural/Management
- $QP = \{10 \times f\,(CC/P) + 10f\,(TOP25P/P)\}$ for Skill University
- $QP = 30 \times f\,(CC/P)$ for Law/Colleges
- $CI = 25 \times f(CC/F_{RQ})$ for Research




CC: Total citation Count over previous three years

P : Weighted No. of publications

TOP25P: No. of Citations in top 25 percentile

$F_{RQ}$ : required faculty for 1:15

$C_{ret}$: Total retracted citation count

***Data Source: Third Party***

# Research and Professional Practice: IPR

- IPR = $10 \times f(PG) + 5 \times f(PP)$
  for Overall/University/SPU/Engineering/Pharmacy/Agricultural
- IPR = $25 \times f(PG) + 15 \times f(PP)$ for Skill University
- IPR = $10 \times f(PG) + 10 \times f(PP)$ for Research
- *No weightage* for Law/Management/Colleges

*Data Source: Third Party*

**PG: Patents Granted**

**PP: Patents Published**



# Research and Professional Practice: FPPP

- FPPP = 5 × *f*(RF) + 5 × *f*(CF) + 5 × *f*(EP) for Overall/University/SPU
- FPPP = 7.5 × *f*(RF) + 2.5 × *f*(CF) for Engineering/Pharmacy/Agricultural
- FPPP = 5 × *f*(RF) + 5 × *f*(CF) + 10 × *f*(EP) for Management
- FPPP = 15 × *f*(RF) + 5 × *f*(CF) for Skill University
- FPPP = 10 × *f*(RF) + 10 × *f*(CF) for Law
- FPPP = 18.5 × *f*(RF) + 6.5 × *f*(CF) for Research
- No weightage for Colleges




RF: Research Funding

CF: Consultancy amount received

EP: Earning from executive development programmes

# Research and Professional Practice

## (Category: Research Institutions)

- **JCRQ1 = *30* × *f*(JCRQ1/$F_{RQ}$)**
- **TOP25 = 30 × *f* (TOP25P/P)**
- **H-Index=20 × *f*(HI)**

*JCRQ1:* Weighted number of publications in the 1st Quartile

$F_{RQ}$ : required faculty for 1:15

TOP25P: Number of publications in the top 25 percentile

P : Weighted No. of publications

***Data Source: Third Party***

# Initiatives by KU for promotion of Research

- Constituted Research Awards
- Established five Research Centers
- Revised the Guidelines for the implementation of sponsored Projects
- Started Biannual admissions for Ph.D.
- Started part time Ph.D.
- Appointed a Professor of Practice for IPR and Technology transfer

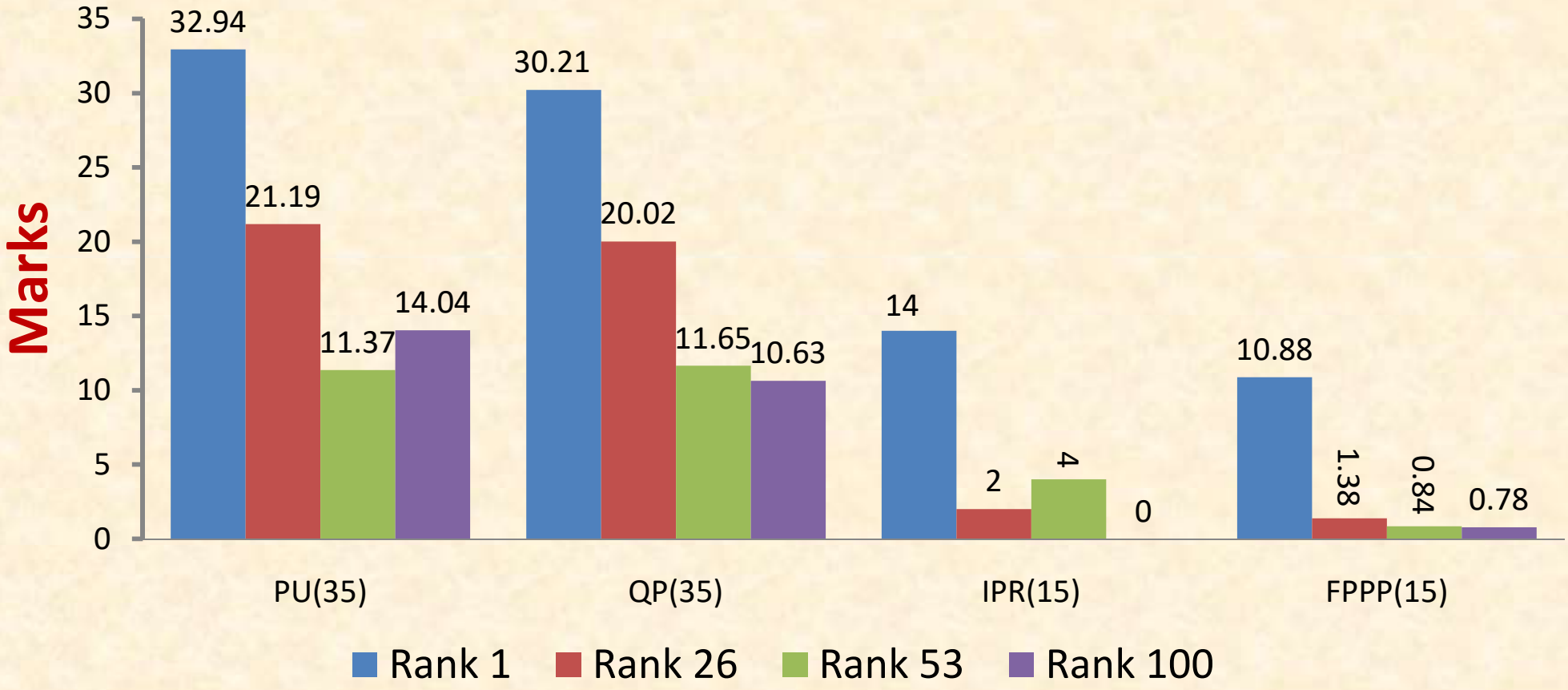
# NIRF Ranking and Scores

| NIRF -25 Ranking | Score | |
|---|---|---|
| | Overall | University |
| **1-25** | 61.01 – 87.31 (26.3) | 59.05 – 85.05 (26) |
| **26-50** | 55.38 – 60.32 (4.94) | 53.13 – 58.87 (5.74) |
| **51-75** | 51.99 – 55.32 (3.33) | 49.70 – 53.01 (3.31) |
| **76 - 100** | 49.04 – 51.96 (2.92) | 47.07 – 49.59 (2.52) |

| NIRF – 25 Ranking | Score (SPU) |
|---|---|
| **1 – 20** | 58 – 76.08 (18.08) |
| **21 – 40** | 52.96 – 57.75 (4.79) |
| **41 - 50** | 50.28 – 52.09 (1.81) |

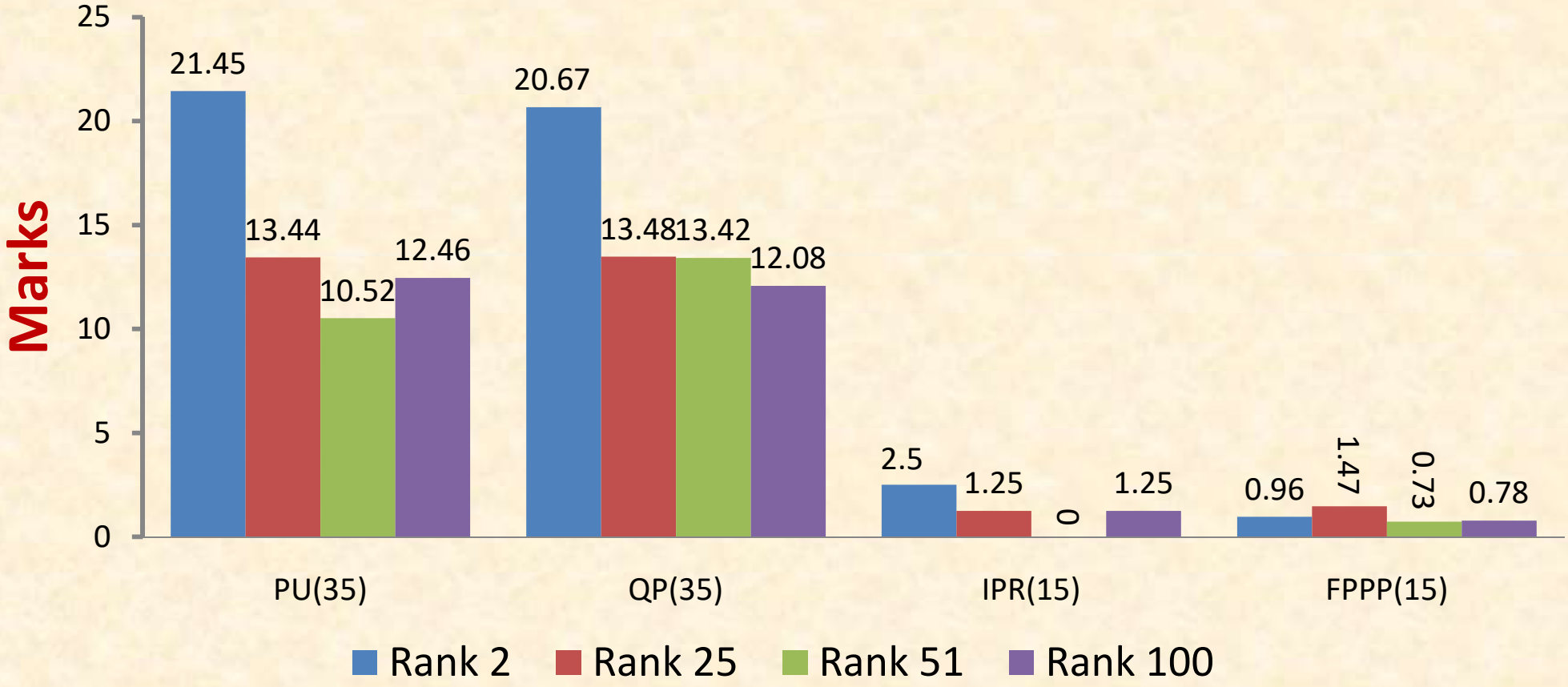
# RP: A Comparison (NIRF – 2025)

## Overall



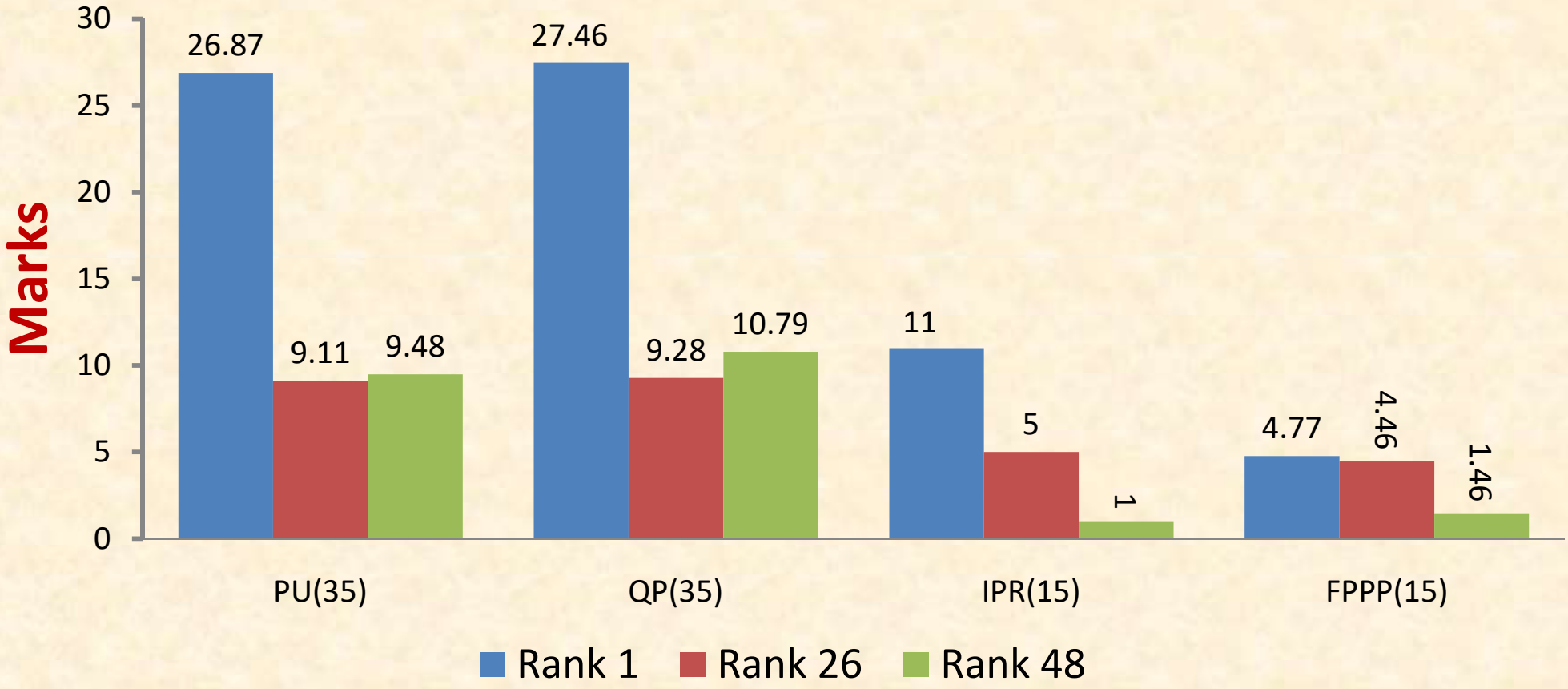
# RP: A Comparison (NIRF – 2025)

## University

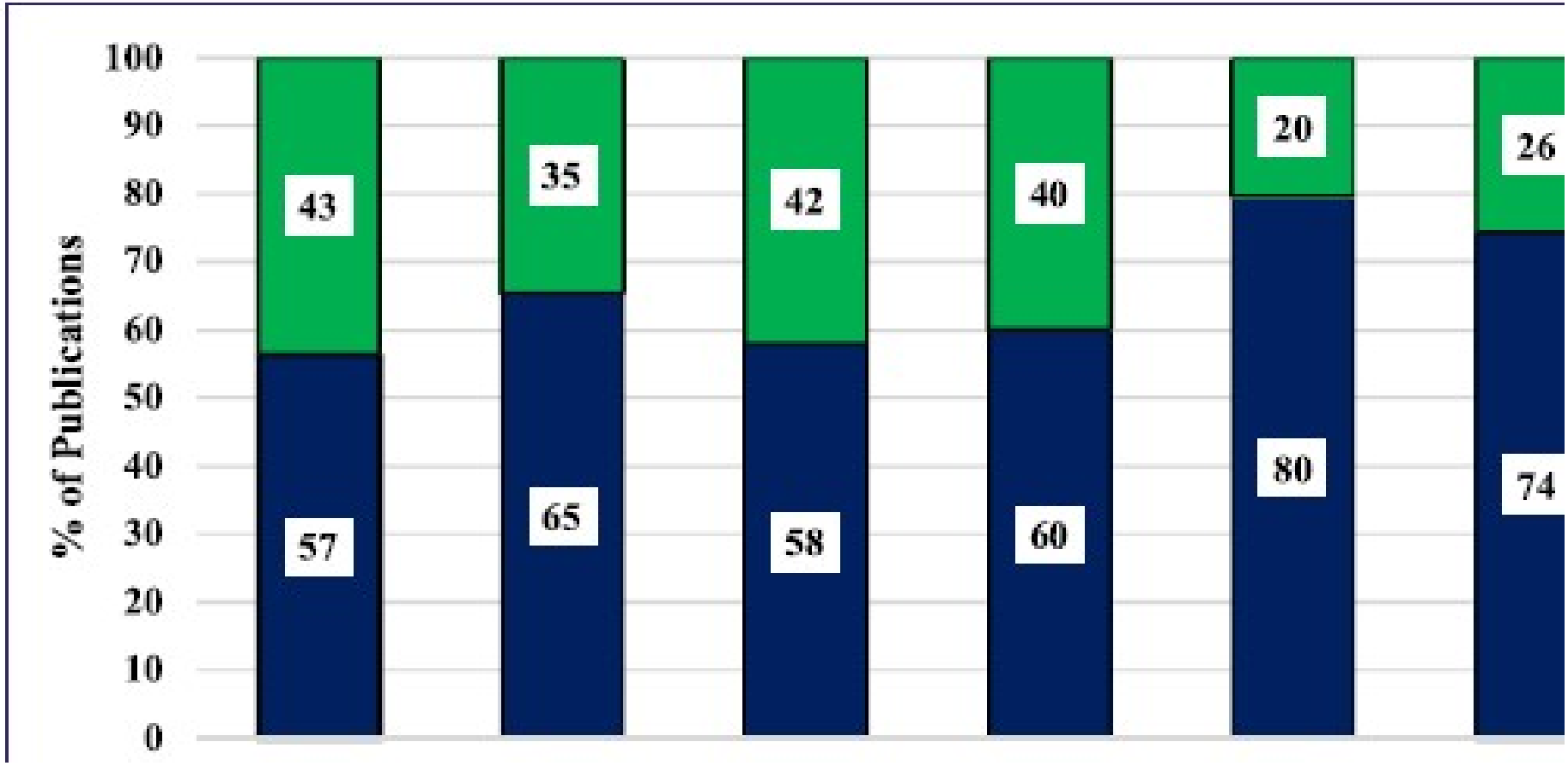


# RP: A Comparison (NIRF – 2025)

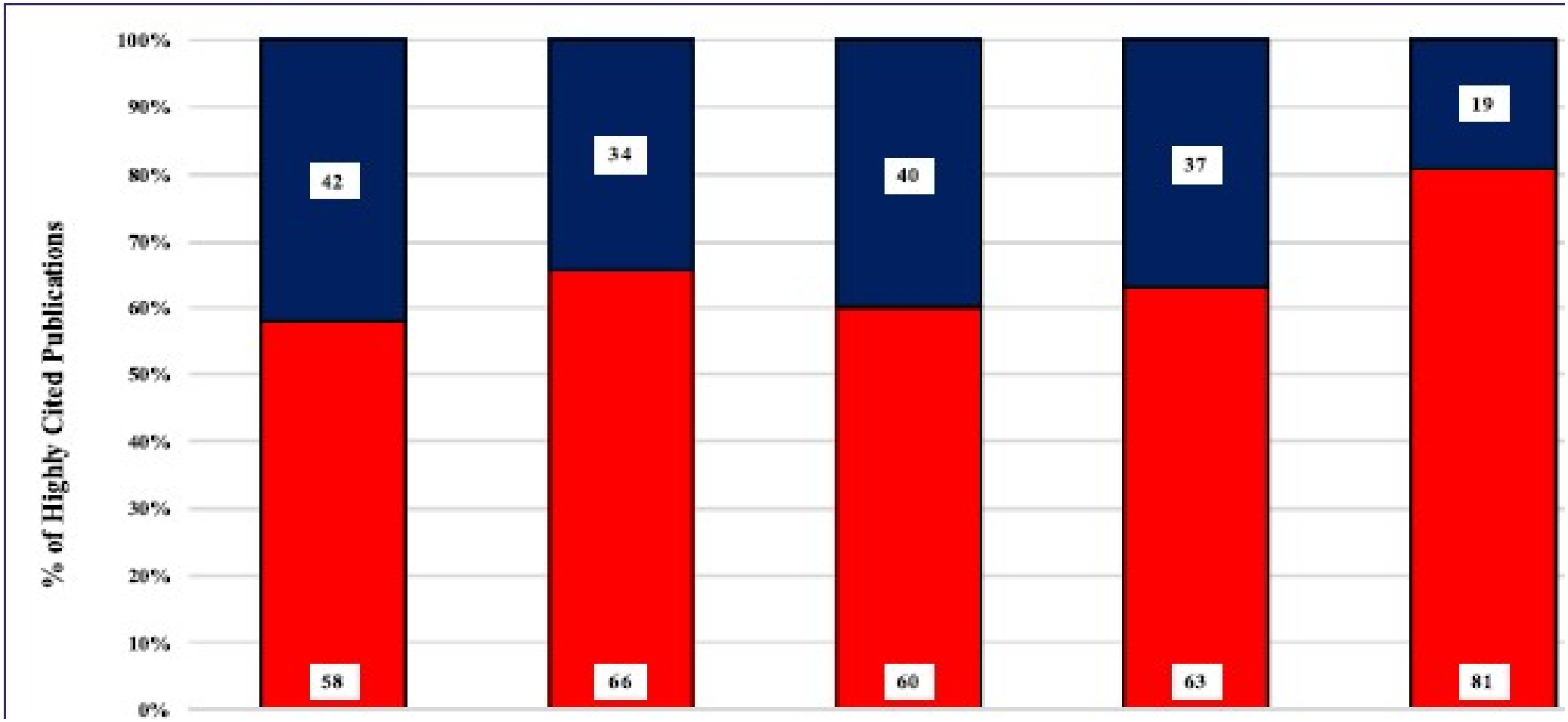
## State Public University



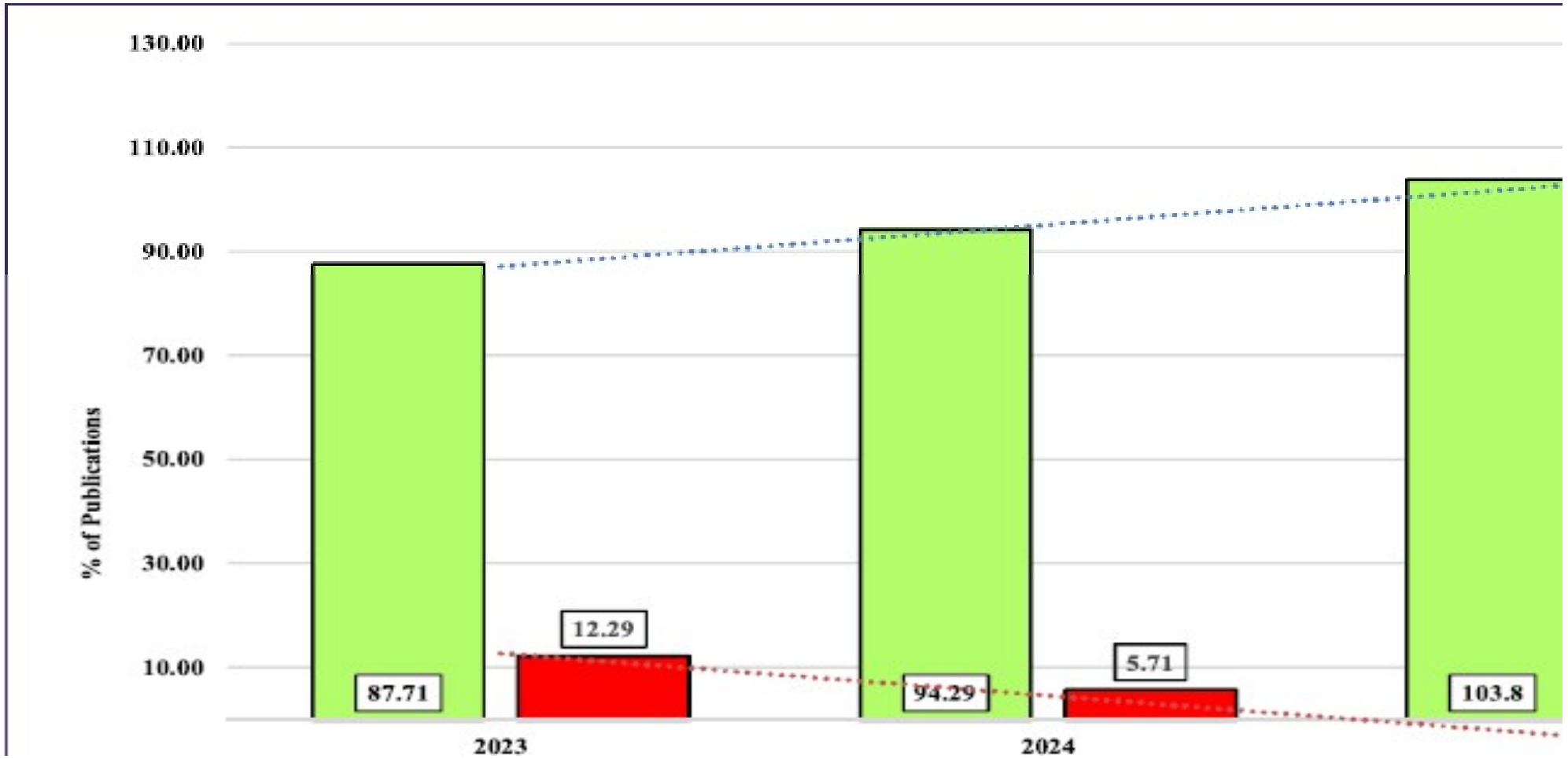
# RP: NIRF-2025 – Report: Publications



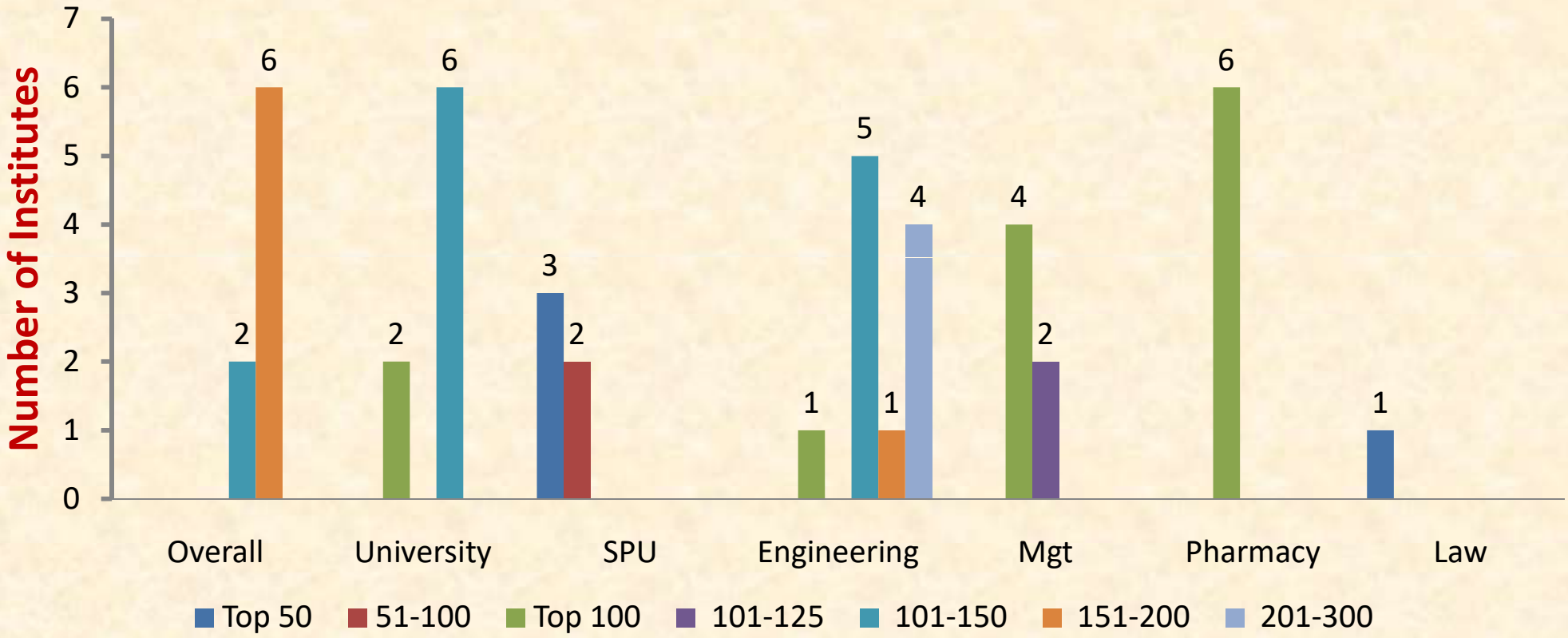
# RP: NIRF-2025 – Report: Citations



# RP: NIRF-2025 – Report: Total Publications



# Institutes of Haryana: NIRF-2025



# Concluding Remarks

Quality is never by Chance.

It requires Vision, Strategic Plans followed by Sincere and Continuous Actions.

# Thank you All