



RESEARCH PERFORMANCE REPORT - 2024

Master Chart of Metrics

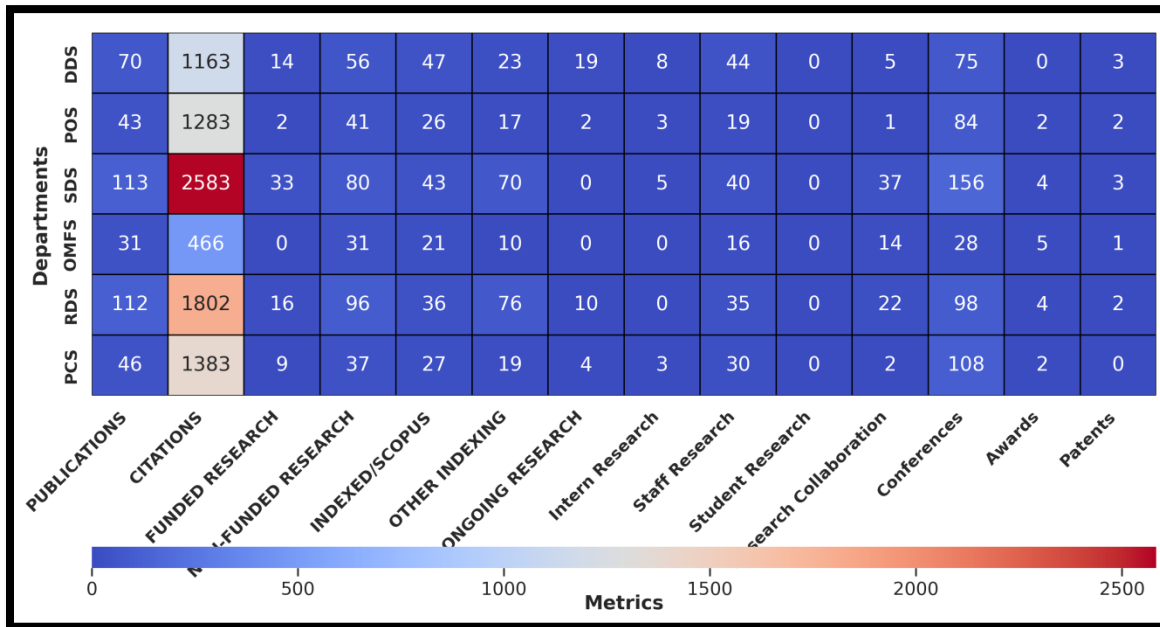


Figure: Consolidated metrics for all departments.

PUBLICATIONS

The highest value for publications is 113, achieved by the SDS department. The average value across departments is 69.17, with the lowest being 31.



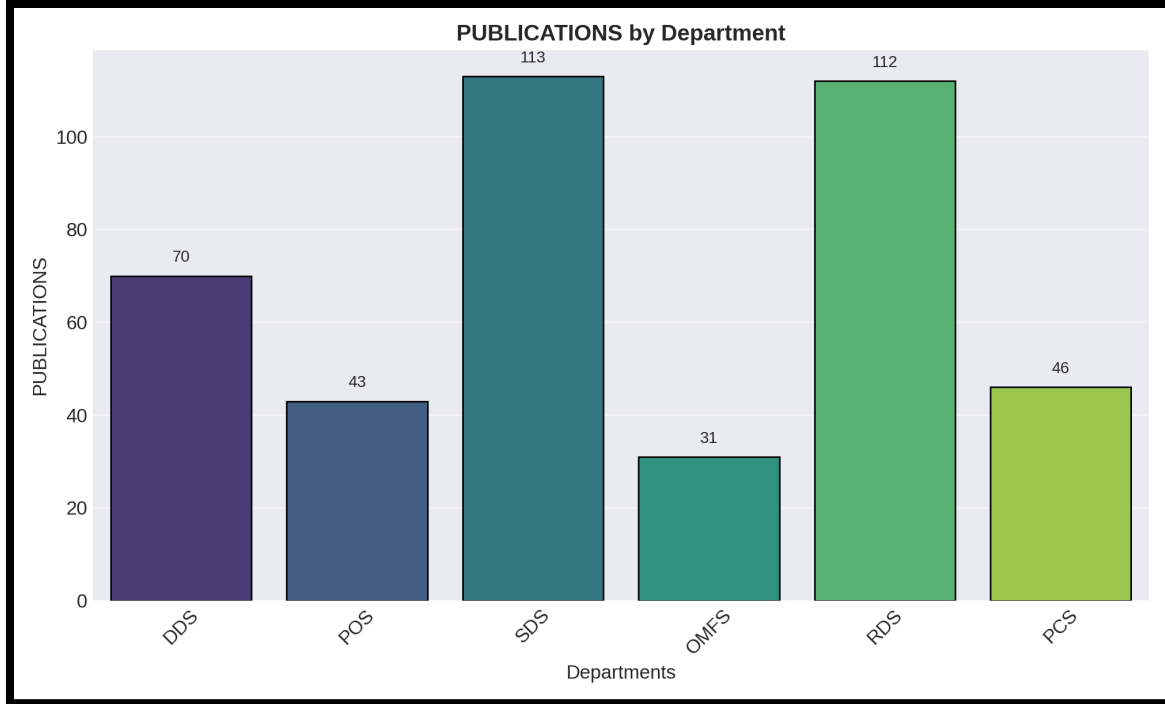


Figure: PUBLICATIONS distribution among departments.

CITATIONS

The highest value for citations is 2583, achieved by the SDS department. The average value across departments is 1446.67, with the lowest being 466.

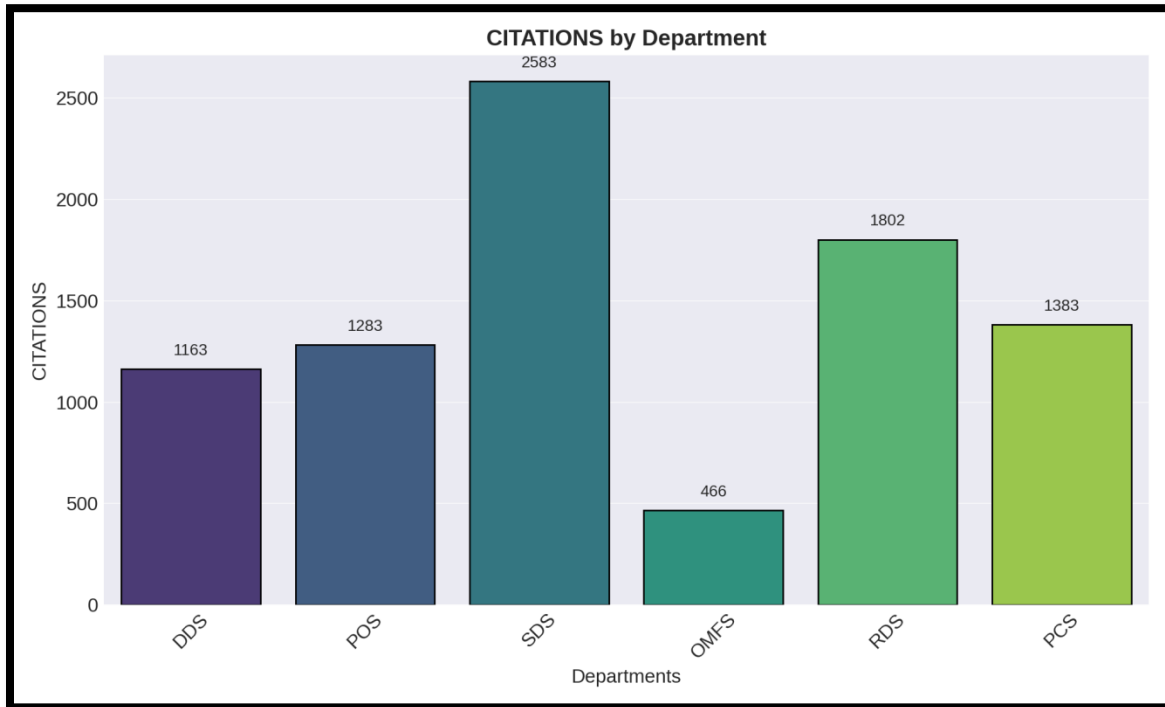


Figure: CITATIONS distribution among departments.



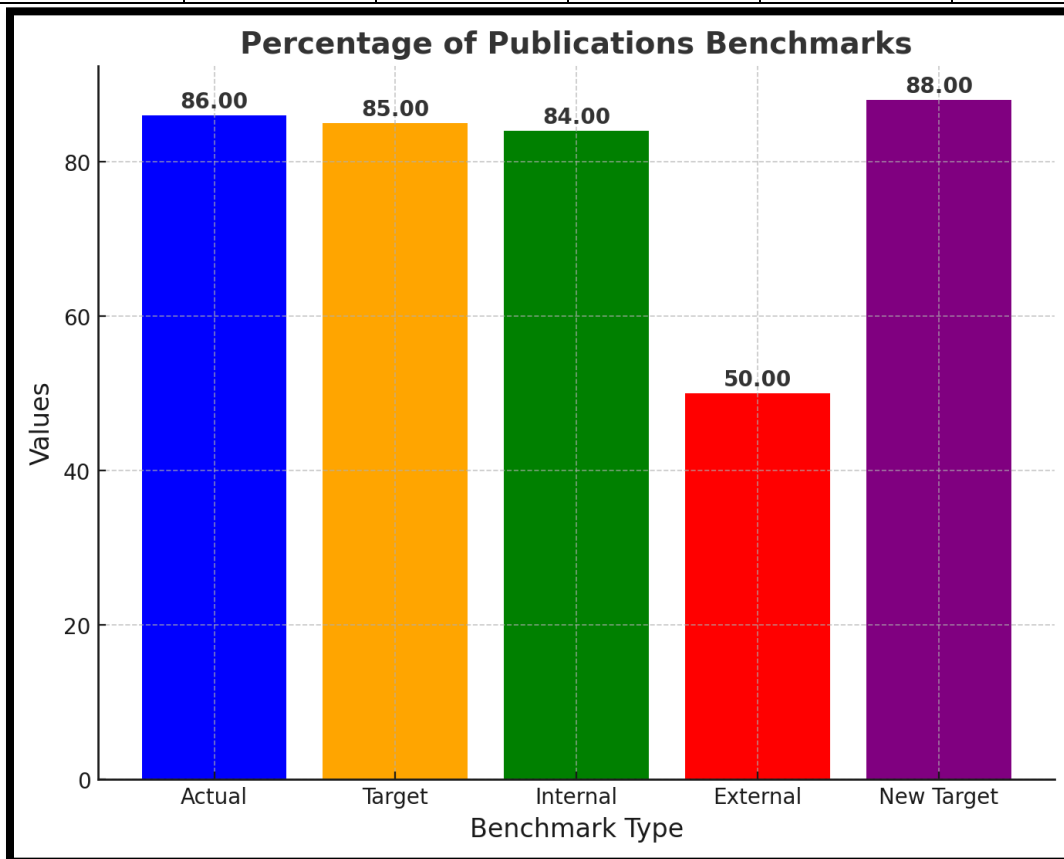


KPI: Percentage of Publications

College KPI Reference Number: 4.4

NCAAA KPI Reference Number: KPI-P-09

KPI	Actual Benchmark	Target Benchmark	Internal Benchmark	External Benchmark	New Target Benchmark
Percentage of Publications	86.0	85.0	84.0	50.0	88.0



This visualization highlights the actual, target, internal, external, and new target benchmarks.

Action Plan

What	Who	When	How
Faculty training in utilization of available research facilities	Vice Dean for Postgraduate Studies & Scientific Research, Scientific Research	Yearly	Faculty workshops on research activities





	Committee		
Promote faculty publications in high indexed journals	Departments, Vice Dean for Postgraduate Studies & Scientific Research	Yearly	Recommend incentives, funding opportunities, and guidance

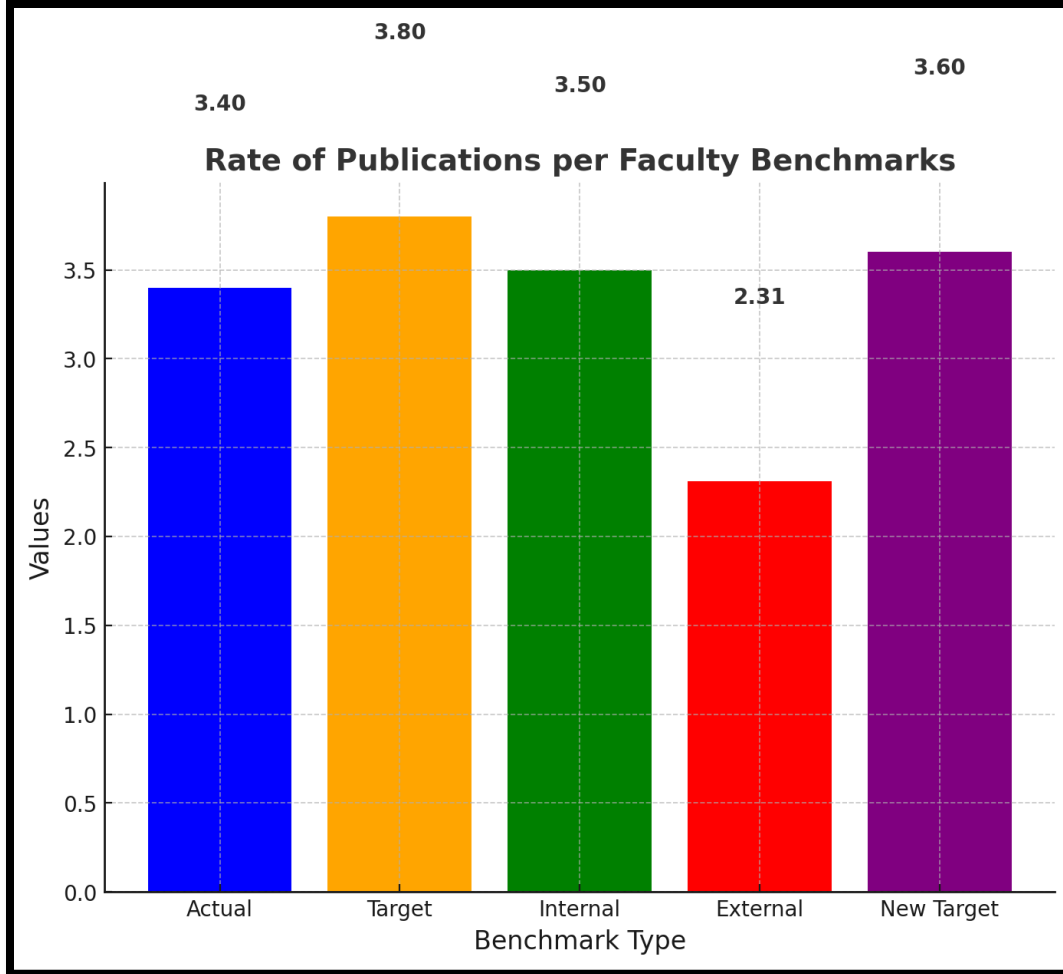
KPI: Rate of Publications per Faculty

College KPI Reference Number: 4.5

NCAAA KPI Reference Number: KPI-P-10

KPI	Actual Benchmark	Target Benchmark	Internal Benchmark	External Benchmark	New Target Benchmark
Rate of Publications per Faculty	3.4	3.8	3.5	2.31	3.6





This visualization highlights the actual, target, internal, external, and new target benchmarks.

Action Plan

What	Who	When	How
Promote faculty publications in high indexed journals	Vice Dean for Postgraduate Studies & Scientific Research	Yearly	Recommend further incentives and funding opportunities for faculty publications
Research time allocation	College Board	Yearly	Dedicated time allocation for research activities

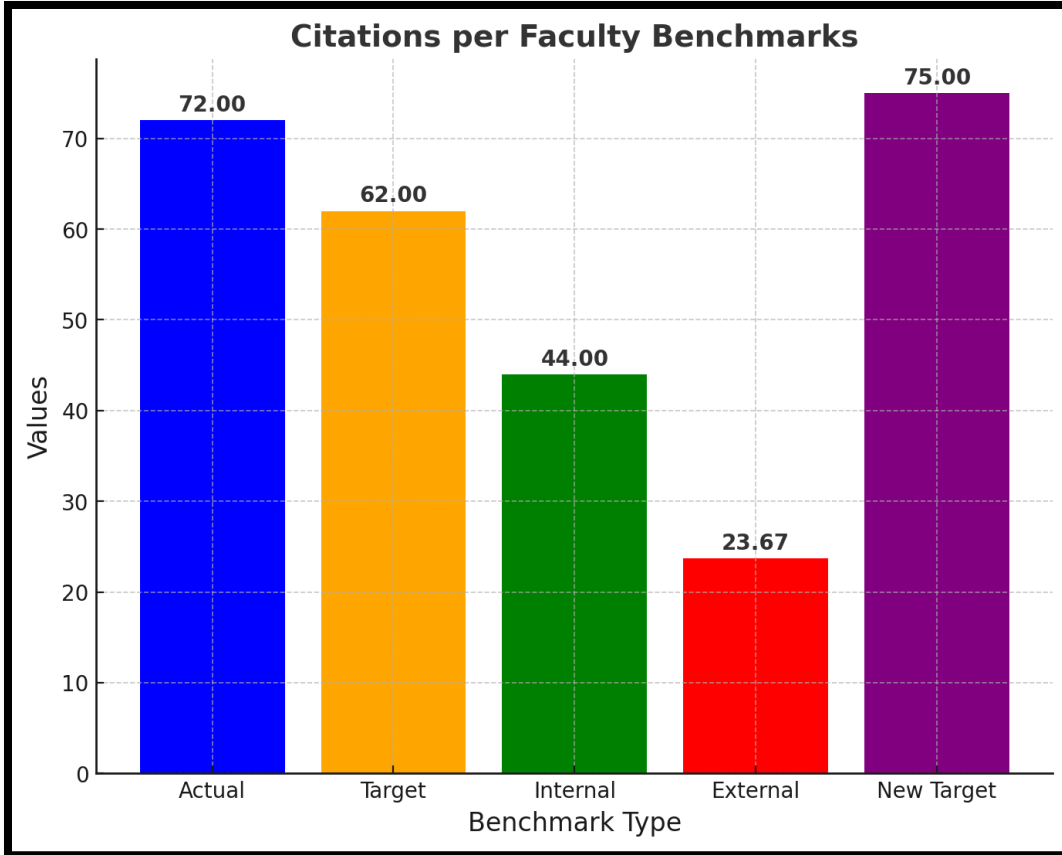
KPI: Citations per Faculty

College KPI Reference Number: 4.6





KPI	Actual Benchmark	Target Benchmark	Internal Benchmark	External Benchmark	New Target Benchmark
Citations per Faculty	72.0	62.0	44.0	23.67	75.0



This visualization highlights the actual, target, internal, external, and new target benchmarks.

Action Plan

What	Who	When	How
Promote high-quality research publications in indexed journals	Vice Dean for Postgraduate Studies & Scientific Research	Yearly	Recommend incentives and funding for high-impact journals
Encourage participation in scientific events	Vice Dean for Postgraduate Studies & Scientific Research	Yearly	Support faculty participation in interdisciplinary scientific events

FUNDED RESEARCH

The highest value for funded research is 33, achieved by the SDS department. The average value across departments is 12.33, with the lowest being 0.



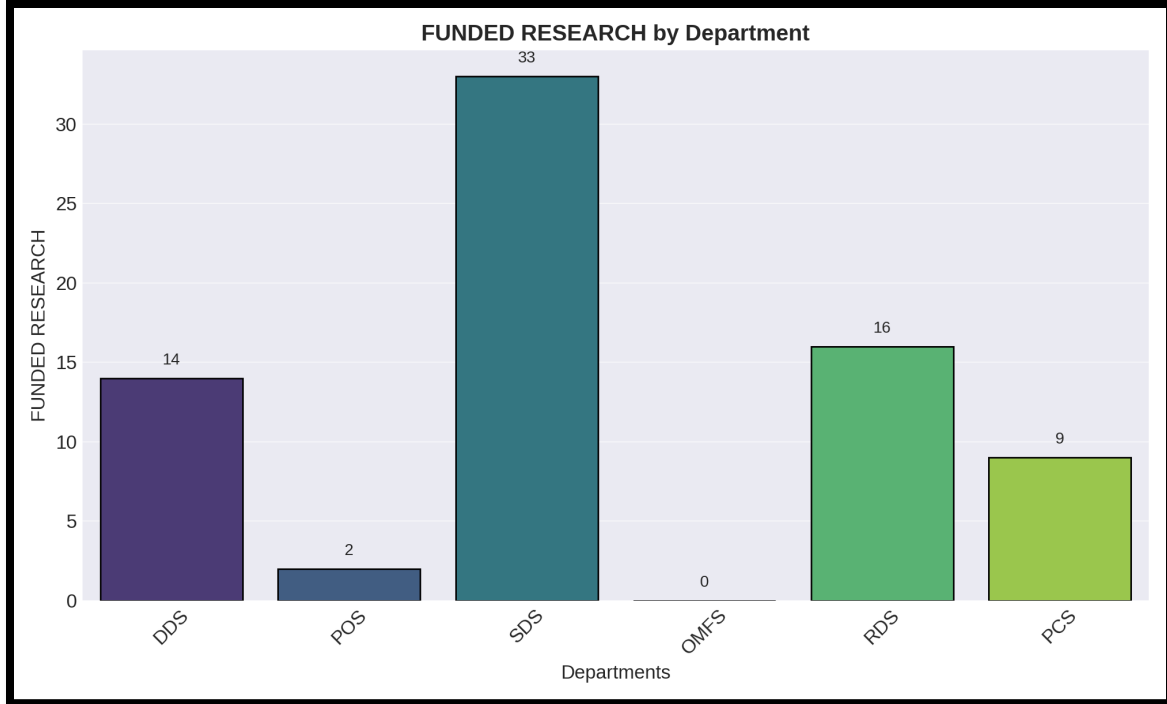


Figure: FUNDED RESEARCH distribution among departments.

NON-FUNDED RESEARCH

The highest value for non-funded research is 96, achieved by the RDS department. The average value across departments is 56.83, with the lowest being 31.

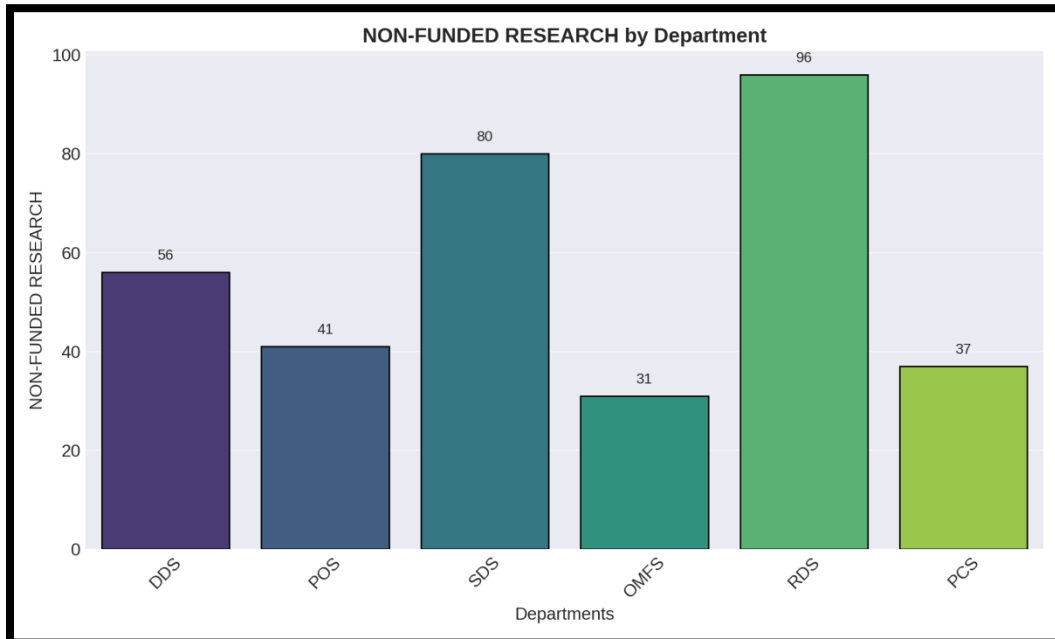


Figure: NON-FUNDED RESEARCH distribution among departments.





INDEXED-ISI/SCOPUS

The highest value for indexed-isi/scopus is 47, achieved by the DDS department. The average value across departments is 33.33, with the lowest being 21.

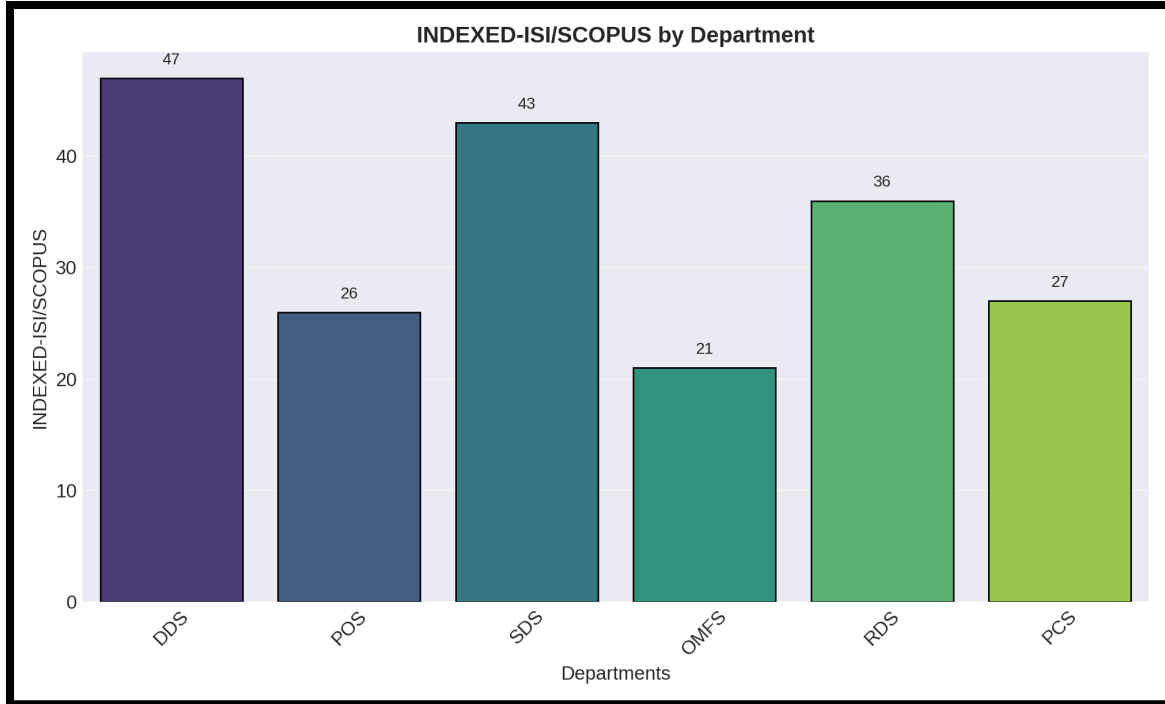


Figure: INDEXED-ISI/SCOPUS distribution among departments.

OTHER INDEXING

The highest value for other indexing is 76, achieved by the RDS department. The average value across departments is 35.83, with the lowest being 10.



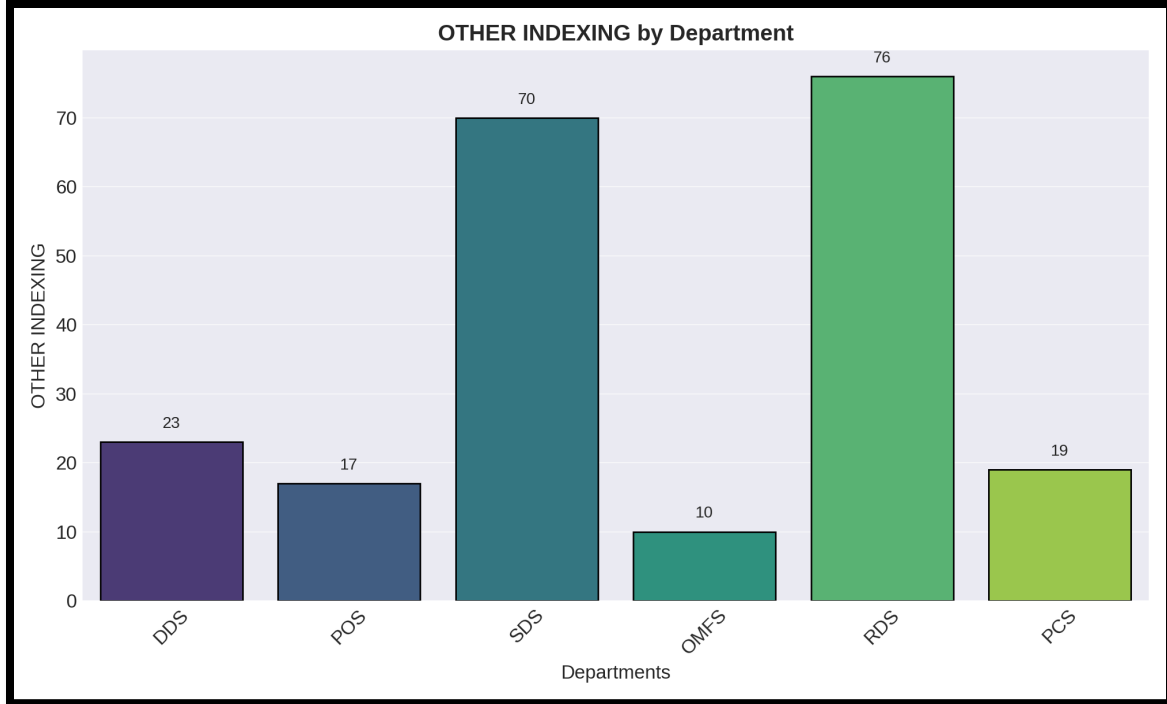


Figure: OTHER INDEXING distribution among departments.

ONGOING RESEARCH

The highest value for ongoing research is 19, achieved by the DDS department. The average value across departments is 5.83, with the lowest being 0.

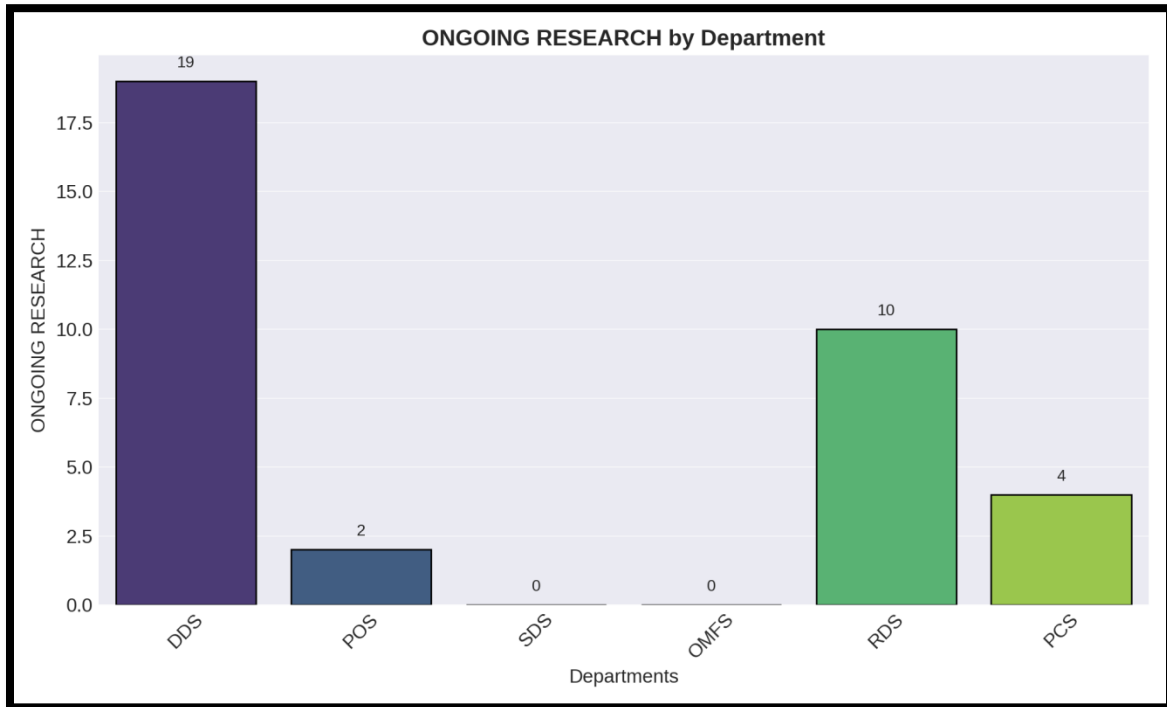


Figure: ONGOING RESEARCH distribution among departments.





Intern Research

The highest value for intern research is 8, achieved by the DDS department. The average value across departments is 3.17, with the lowest being 0.

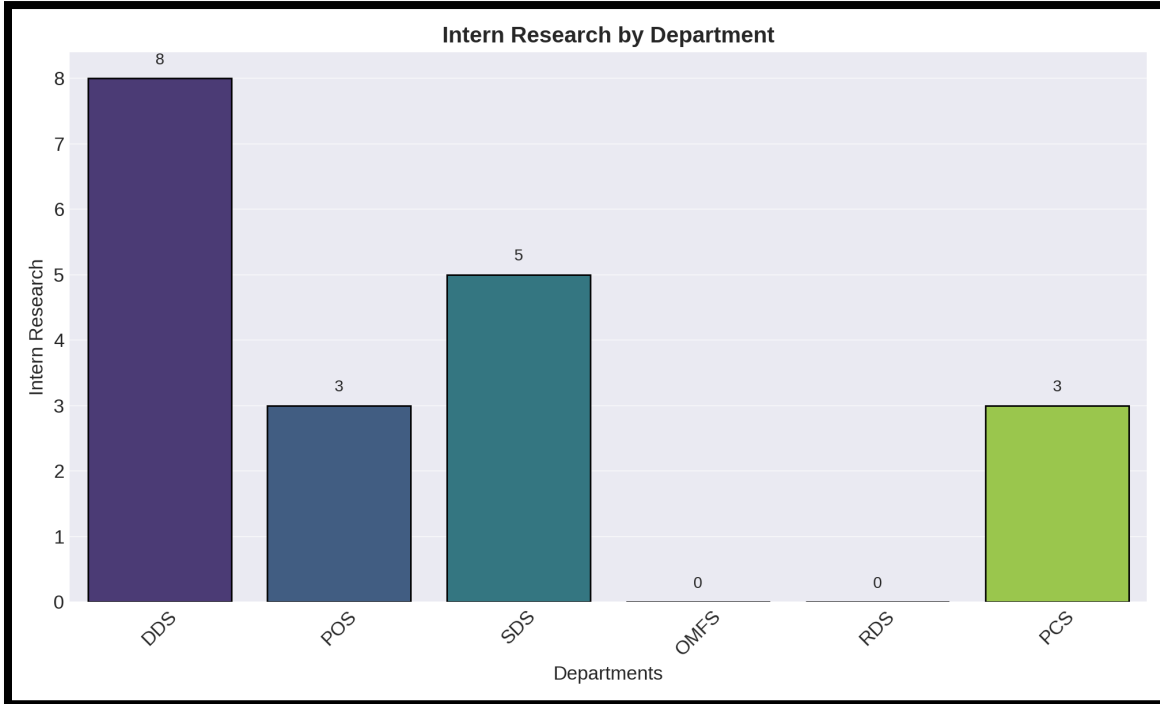


Figure: Intern Research distribution among departments.

Staff Research

The highest value for staff research is 44, achieved by the DDS department. The average value across departments is 30.67, with the lowest being 16.

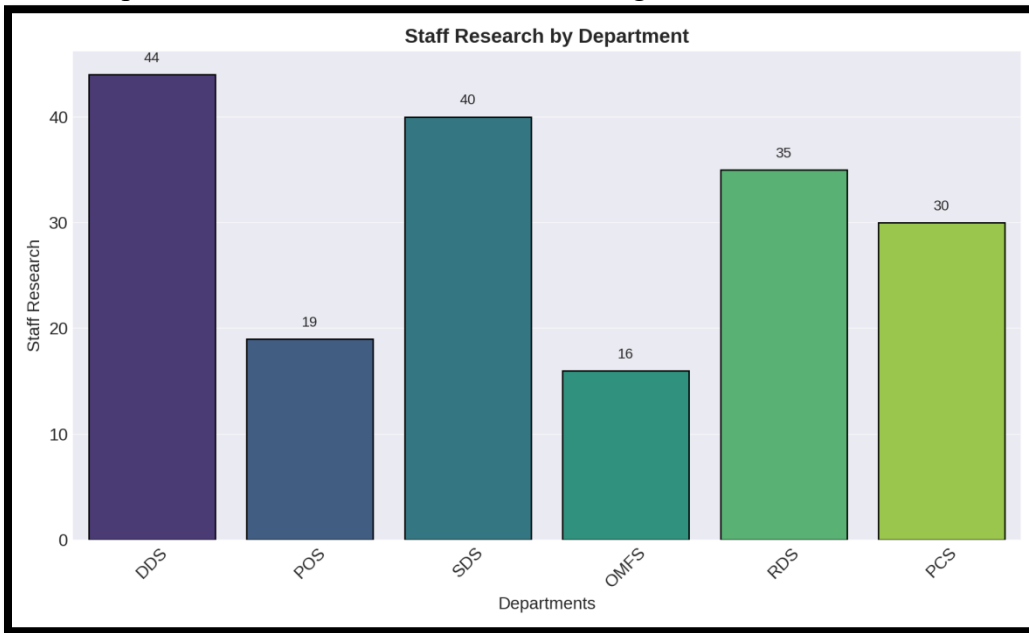


Figure: Staff Research distribution among departments.





Student research

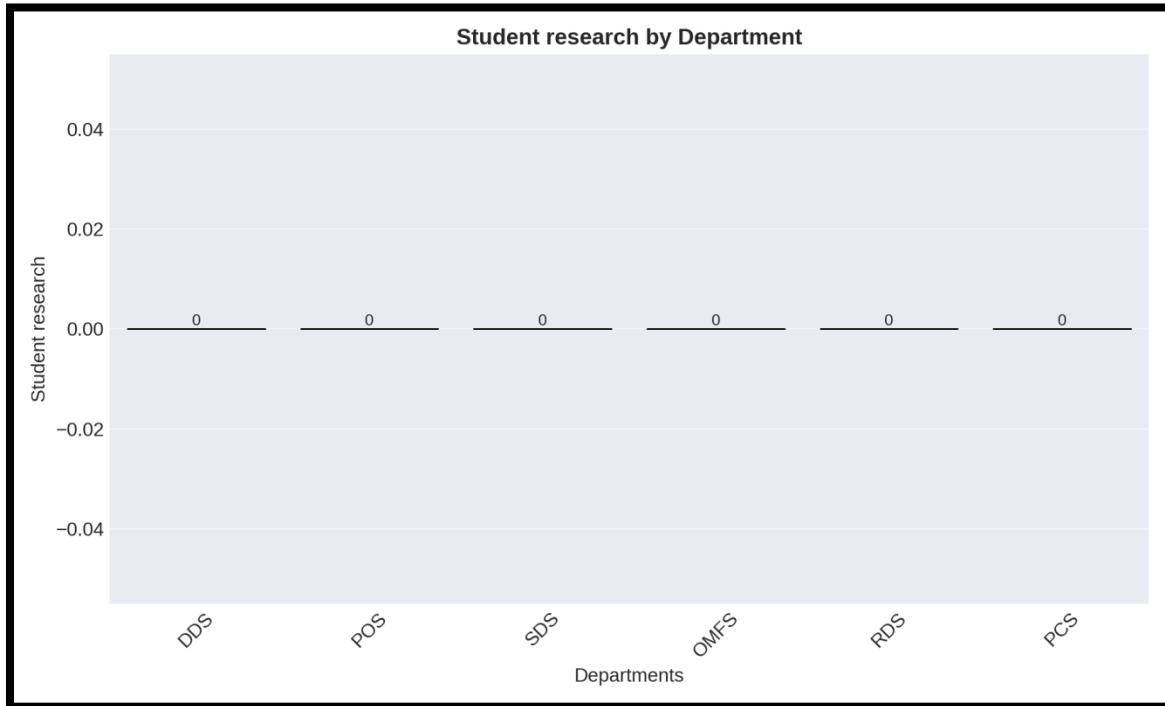


Figure: Student research distribution among departments.

Research Collaboration

The highest value for research collaboration is 37, achieved by the SDS department. The average value across departments is 13.50, with the lowest being 1.

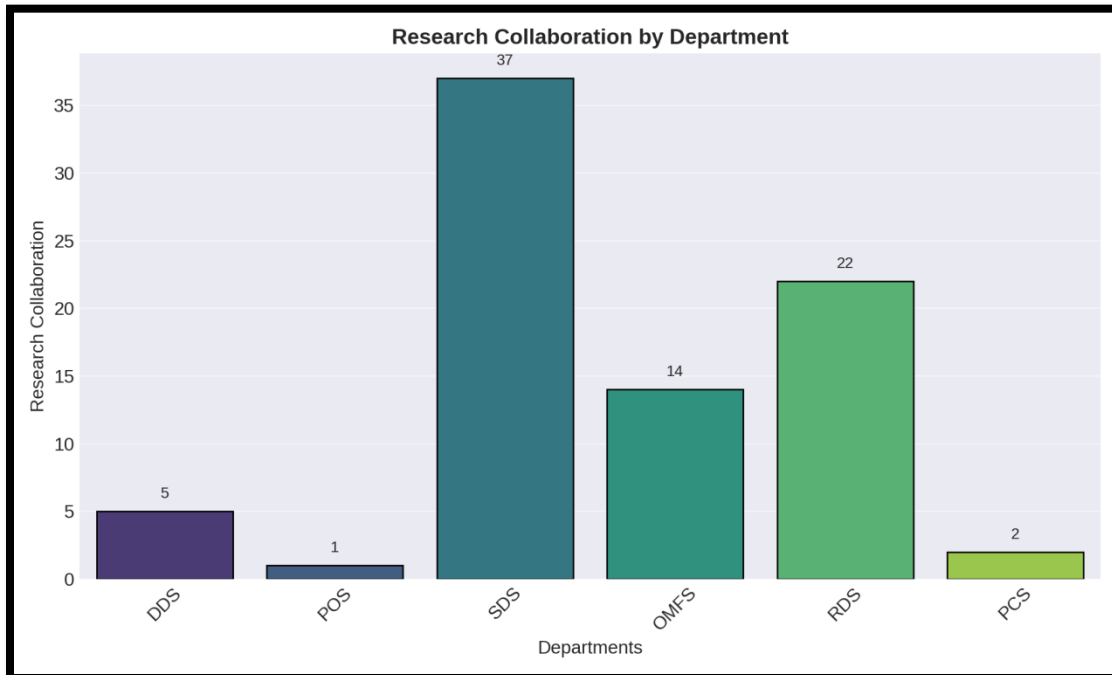


Figure: Research Collaboration distribution among departments.





Conferences

The highest value for conferences is 156, achieved by the SDS department. The average value across departments is 91.50, with the lowest being 28.

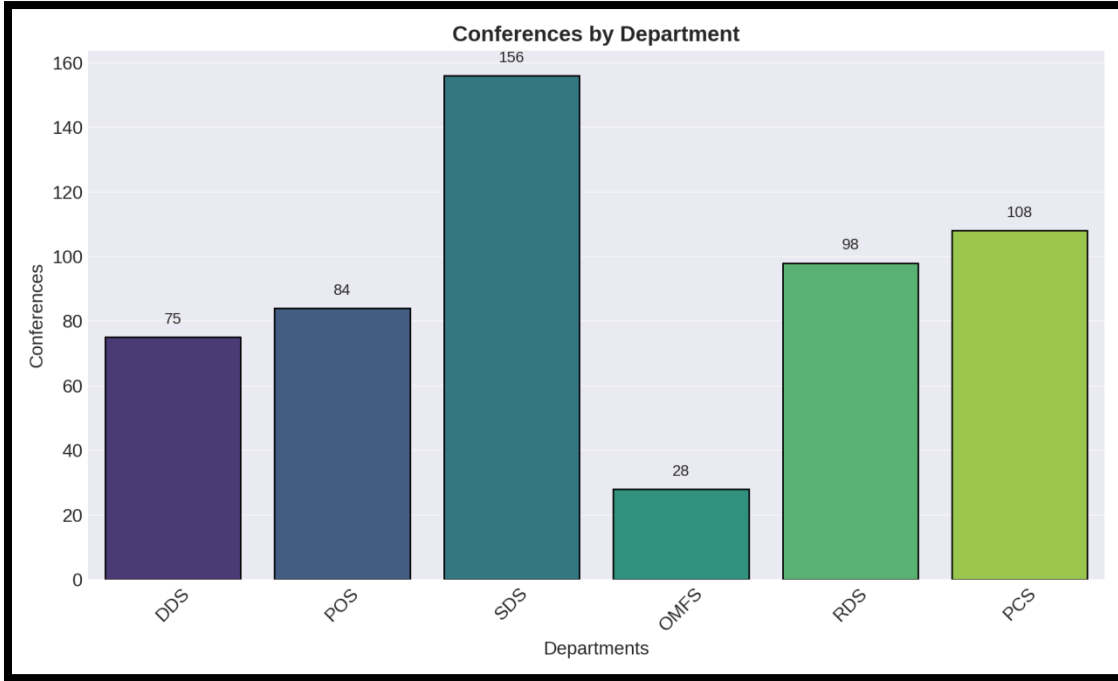


Figure: Conferences distribution among departments.

Awards

The highest value for awards is 5, achieved by the OMFS department. The average value across departments is 2.83, with the lowest being 0.

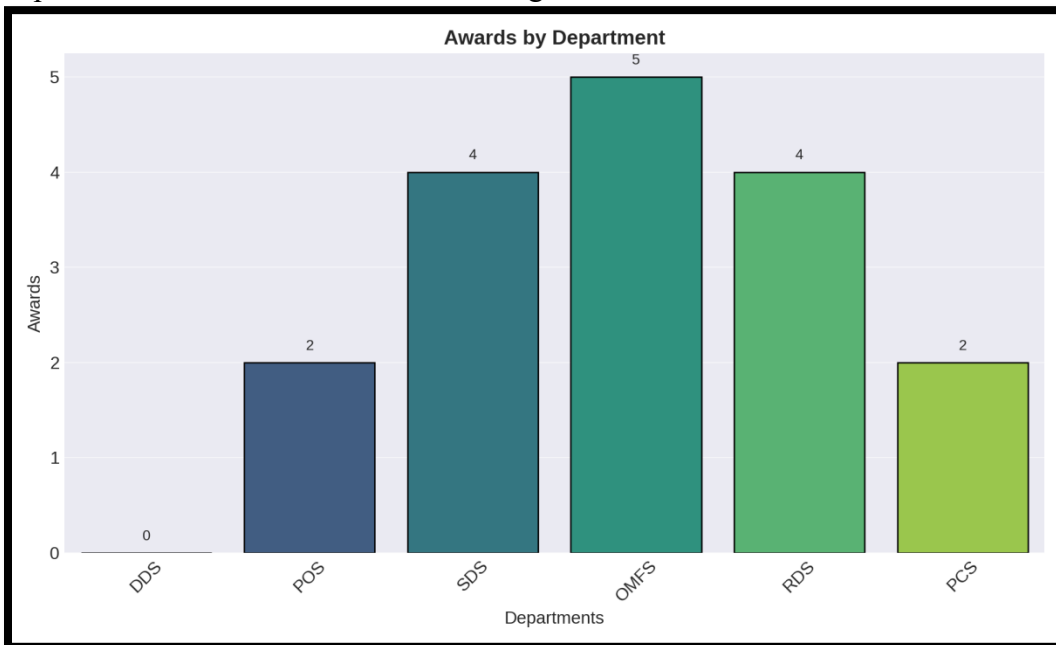


Figure: Awards distribution among departments.





Patents

The highest value for patents is 3, achieved by the DDS department. The average value across departments is 1.83, with the lowest being 0.

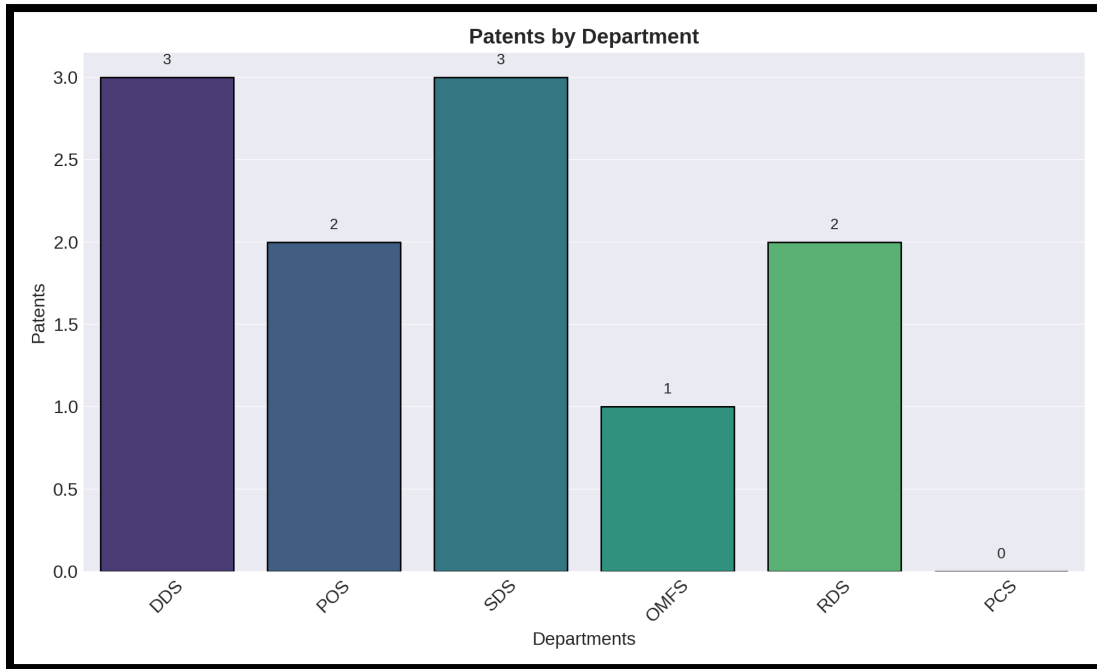
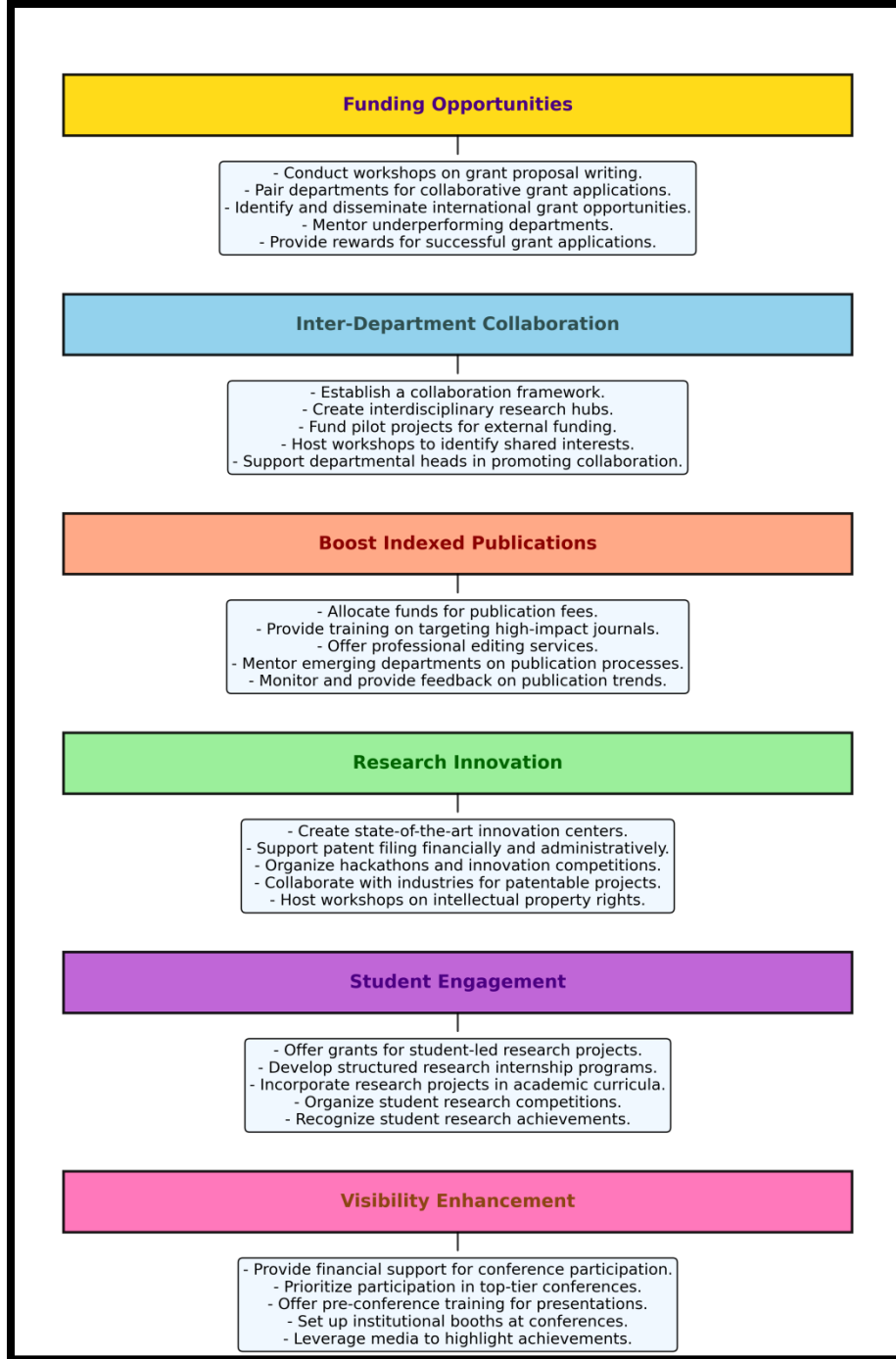


Figure: Patents distribution among departments.

Roadmap for 2025

Based on standout features and relative analysis, the following roadmap is recommended for 2025:







1. Funding Opportunities:

Objective: Secure international grants for underperforming departments.

Practical Measures:

- **Grant Writing Training:** Conduct workshops for faculty members on effective grant proposal writing.
- **Collaborative Proposals:** Pair underperforming departments with high-performing ones to create strong interdisciplinary grant applications.
- **Grant Alerts:** Set up a dedicated team to regularly identify and disseminate funding opportunities from international organizations.
- **Mentorship Programs:** Encourage experienced researchers to mentor faculty in underperforming departments on securing grants.
- **Incentives:** Offer monetary rewards or recognition for successful international grant applications.

2. Inter-Department Collaboration:

Objective: Initiate multi-disciplinary projects to leverage research strengths.

Practical Measures:

- **Collaboration Framework:** Establish a formal framework that incentivizes collaborative research across departments.
- **Interdisciplinary Research Hub:** Create a central hub where departments can meet, share resources, and brainstorm collaborative ideas.
- **Joint Workshops:** Organize regular workshops or seminars to showcase departmental expertise and identify overlapping research interests.
- **Leadership Support:** Ensure departmental heads actively promote and support cross-disciplinary initiatives.

3. Boost Indexed Publications:

Objective: Increase publications in high-impact journals, especially for emerging departments.

Practical Measures:

- **Publication Support Fund:** Allocate institutional funds for covering publication fees in high-impact journals.
- **Training on Journal Targeting:** Conduct training sessions on selecting the right journals based on impact factor and indexing.





- **Editorial Assistance:** Provide access to professional language editing services for manuscripts before submission.
- **Publication Mentorship:** Pair emerging departments with established researchers who can guide the publication process.
- **Progress Tracking:** Monitor publication trends in each department and provide periodic feedback to improve output.

4. Research Innovation:

Practical Measures:

- **Innovation Centers:** Set up specialized centers equipped with state-of-the-art technology to foster innovative research.
- **Patent Filing Support:** Provide administrative and financial assistance for filing patents, including covering legal costs.
- **Idea Incubation Programs:** Organize hackathons, idea challenges, and innovation competitions to identify potential patentable projects.
- **Industry Collaboration:** Partner with industries to co-develop patentable products and technologies.
- **Workshops on IP Rights:** Conduct regular workshops to educate faculty and students about intellectual property, patent filing processes, and commercialization.

5. Student Engagement:

Objective: Strengthen programs that integrate student research into institutional projects.

Practical Measures:

- **Student Research Grants:** Offer small grants or stipends for student-led research projects.
- **Research Internships:** Develop structured research internship programs where students can work with faculty on ongoing projects.
- **Thesis Integration:** Incorporate research-based projects into the undergraduate and postgraduate curriculum.
- **Research Competitions:** Organize university-wide competitions for students to showcase their research findings.
- **Recognition Programs:** Highlight student research achievements through awards, publications, and social media channels.





6. Visibility Enhancement:

Objective: Promote active participation in international conferences to elevate institutional reputation.

Practical Measures:

- **Travel Grants:** Provide financial support for faculty and students to attend and present at international conferences.
- **Conference Targets:** Identify and prioritize participation in top-tier conferences relevant to institutional focus areas.
- **Pre-Conference Training:** Conduct workshops on effective presentation skills and abstract writing for conference submissions.
- **Institutional Booths:** Set up booths at international conferences to showcase the institution's research achievements and capabilities.
- **Media Coverage:** Leverage social media, institutional websites, and press releases to highlight participation in international conferences.

