



***(College of Excellence)***

Autonomous Institution. Affiliated to Bharathiar University

Accredited with 'A++' grade by NAAC (4<sup>th</sup> cycle)

7<sup>th</sup> rank -NIRF-2024

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT**

**(2022-23, 2023-24 & 2024-25)**

Date of Audit: 26<sup>th</sup> August 2025.

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**INTRODUCTION**

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PSGR Krishnammal College for Women (PSGRKCW), established in Coimbatore, Tamil Nadu, has emerged as one of the most distinguished autonomous institutions in India dedicated to the education and empowerment of women. The college has consistently ranked high in NAAC accreditation, NIRF rankings, and has been a pioneer in women-focused higher education. With its mission of providing quality, inclusive, and globally relevant education, PSGRKCW has positioned itself as a model institution that blends academic excellence with social responsibility.

The current academic status of PSGRKCW is highly commendable. The college holds an A++ grade from NAAC (National Assessment and Accreditation Council), signifying its commitment to quality education. Furthermore, it has consistently been ranked among the top colleges in India by the National Institutional Ranking Framework (NIRF), securing the 7th rank in the "Colleges" category in the 2024 rankings. These accolades, along with its UGC-certified "College of Excellence" status, reflect the institution's sustained efforts to deliver a holistic and quality-driven educational experience. PSGRKCW is a pioneering institution, particularly in the empowerment of women through education, and this audit reinforces its reputation as a leading academic powerhouse.

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## PART I

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The current administrative audit was conducted to evaluate institutional performance under eleven critical parameters:

1. Curriculum Design
2. Faculty Resources
3. Infrastructure
4. Financial Resources and Management
5. Teaching and Learning
6. Extended Curricular Engagements
7. Governance and Administration
8. Student Outcomes
9. Research and Innovation
10. Sustainability
11. Best Practices

The audit report highlights strengths, records compliance, identifies opportunities for improvement, and provides actionable suggestions. The findings collectively reveal that PSGRKCW is not only maintaining academic quality but also setting benchmarks in research, innovation, community engagement, and women's empowerment.

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### I. Curriculum Design

The curriculum of PSGRKCW is comprehensive, future-ready, and globally aligned. The curriculum at PSGRKCW is robust, modern, and aligned with contemporary educational frameworks. It is designed based on Outcome-Based Education (OBE) and Bloom's Taxonomy, ensuring that learning outcomes are clearly defined and measurable. The college also practices the Learning Outcomes-based Curriculum Framework (LOCF), which ensures that the curriculum is student-centric and focused on practical application. The curriculum is regularly updated to meet the evolving demands of the industry and market, incorporating technology-oriented, skill-based knowledge, and integrating emerging fields like IKS (Indian Knowledge Systems) and AI (Artificial Intelligence).

The institution has successfully integrated essential components such as skill-based matrices, value-added courses, and bridge courses to enhance student competencies. A

significant achievement is that 35% of students annually earn additional credits, with 10% acquiring them through online courses, showcasing a proactive approach to continuous learning. The inclusion of research-oriented courses and STEM (Science, Technology, Engineering, and Mathematics) subjects further strengthens the academic offerings. The Boards of Studies (BoS) are well-constituted with a 20% representation of industrial experts, ensuring the curriculum remains relevant and industry aligned. The audit suggests the implementation of a credit transfer system to provide greater academic flexibility for students.

***Strengths:***

- Adoption of LOCF promotes flexibility and student choice, aligning courses with employability, entrepreneurship, and life skills.
- Curriculum revision is periodic, incorporating inputs from industry, academia, alumni, and students.
- Specific courses integrate technology-based and skill-oriented knowledge, such as artificial intelligence, data analytics, and digital marketing.
- Value-added and bridge courses enable students to bridge learning gaps and enhance employability.
- 35% of students earn additional credits annually, with 10% engaging in online courses through platforms like SWAYAM, NPTEL, and Coursera.
- Indian Knowledge Systems (IKS) and frontier technologies such as AI are embedded in the curriculum, reflecting both tradition and innovation.
- Research-oriented and STEM-based courses prepare students for interdisciplinary domains.
- 20% of members in the Board of Studies (BoS) are industry experts, ensuring real-world relevance.

***Suggestions:***

- The curriculum could further adopt multidisciplinary electives across arts, science, commerce, and technology to strengthen liberal education models.
- Implement a Robust Credit Transfer Policy: Formalize a system for accepting credits from other recognized universities, facilitating the multiple entry-exit scheme envisioned in NEP 2020.

## **II. Faculty Resources**

The college maintains a healthy and adequate faculty base, with new members recruited in accordance with standard norms. The faculty-student ratio is maintained at 1:20, ensuring personalized attention and effective teaching. The institution has embraced modern academic practices by inducting a Professor of Practice and utilizing adjunct faculty (25%), which brings diverse, real-world experience into the classroom. The faculty retention ratio is an impressive 90%, indicating a supportive and rewarding work environment. The presence of diversified faculty (15%) and a balanced ratio of Associate to Assistant professors (1:3) points to a well-structured academic hierarchy. The institution also supports faculty professional growth, with 2% of faculty members having taken sabbatical leave for academic pursuits. The IQAC (Internal Quality Assurance Cell) and Teaching Learning Centre regularly conduct faculty induction and development programs, fostering continuous improvement. A notable highlight is the presence of foreign faculty, such as a Nehru Fullbright scholar from George Washington University, which enriches the academic and research environment. The audit recommends encouraging faculty to pursue post-doctoral research under fellowships and to apply for funded projects, which will further boost the college's research output and reputation.

### ***Strengths:***

- Adequate staffing levels with a student-faculty ratio of 1:20 maintained as per UGC norms.
- Professors of Practice bridge academia and industry.
- A considerable proportion (25% adjunct faculty) bring real-world exposure.
- Faculty retention ratio is high (90%), indicating job satisfaction and stability.
- Faculty diversification stands at 15%, with representation from varied academic and research backgrounds.
- Opportunities for sabbatical leave (2%) facilitate faculty research engagement.
- Faculty induction and FDPs conducted by IQAC and the Teaching-Learning Centre (TLC) ensure continuous professional development.
- Hosting of foreign faculty (e.g., Nehru Fulbright scholar from George Washington University) enriches research and pedagogy.

### **Suggestions:**

- Faculty members may be encouraged to pursue post-doctoral research through prestigious fellowships like Fulbright, Marie Curie, and Shastri Indo-Canadian.
- Greater emphasis on funded projects and consultancy can enhance institutional revenue and research visibility.
- Faculty exchange programmes with global universities could further enrich the teaching ecosystem.

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### **III. Infrastructure**

The institution's physical and digital infrastructure is comprehensive, inclusive, and future-oriented. PSGRKCW boasts a comprehensive and well-maintained infrastructure that supports all academic and extra-curricular activities. This includes spacious classrooms, well-equipped labs, a Central Instrumentation Facility, multiple auditoriums, and a modern E-Studio. The library is a key resource with an e-resource centre, and its compound annual growth rate of books is 6%. The usage of the library by students (1:8) and faculty (1:10) indicates its high utility. The college is equipped with 18 licensed software and provides Wi-Fi access to students.

The institution has a solid computer-student ratio of 1:4 and a well-equipped science lab with calibration facilities. The 25 labs are efficiently utilized with a usage ratio of 1:60. The internet connectivity is robust with a bandwidth of 2 GBPS. The college has adopted a shift system to ensure optimum utilization of its infrastructure, which includes hostels, a mess, a canteen, a gymnasium, and a sports arena. The availability of assistive technologies like NVDA software and audiobooks demonstrates the college's commitment to inclusivity. The audit suggests devising more structured mechanisms and protocols to ensure maximum and equitable utilization of all available infrastructure by students, research scholars, and faculty.

### **Strengths:**

- Facilities include 25 state-of-the-art laboratories, auditoriums, central instrumentation facility, e-studio, and e-resource centres.
- Optimum utilization through shift systems maximizes space efficiency.
- Accessibility ensured with NVDA software, audiobooks, ramps, and assistive technologies.

- Library growth rate at 6% annually, with strong student-faculty usage statistics.
- Licensed software (18) and 2 GBPS bandwidth Wi-Fi ensure digital readiness.
- Sports arena, gymnasium, hostels, and recreation centres promote student wellness.
- Science labs include calibration facilities ensuring advanced experimental learning.

***Suggestions:***

- Establish an online booking and monitoring system for laboratory and facility usage to ensure equitable access.
- Expand the library's digital repository and integrate Artificial Intelligence tools for smart referencing.

#### **IV. Financial Resources and Management**

PSGRKCW maintains financial discipline and long-term sustainability through effective management. The college demonstrates sound financial health and strategic planning. With an annual budget of Rs. 60 crores, the institution allocates a significant portion (85%) to its strategic plans. The estimated capital expenditure is between 15% and 20% annually, while the revenue expenditure is 85%. The compound annual growth rate of revenues is a healthy 10%, indicating stable financial growth. The expenditure per student is differentiated for aided (Rs. 77,272) and self-financing (Rs. 47,000) programmes.

The college has a strong financial management system, evidenced by the creation of surplus funds, financial sustainability funds, and risk management funds. It is also highly committed to student welfare, granting scholarships worth Rs. 3 crores to 14,161 beneficiaries, which is a significant figure. The audit notes the institution's effective financial management and suggests encouraging stakeholders to actively source more grants from external agencies for research and consultancy, which could diversify revenue streams and bolster the college's research endeavours.

***Strengths:***

- Annual budget: Rs. 60 crores, with balanced allocation for capital and revenue expenditure.
- Capital expenditure at 15–20%, showing institutional investment in growth.

- Revenue expenditure at 85%, primarily focused on academic delivery.
- 10% CAGR in revenue, ensuring financial growth.
- Strong financial buffers: Surplus fund, risk management fund, and sustainability fund.
- Scholarships worth Rs. 3 crores benefitted 14,161 students, promoting inclusivity.

***Suggestions:***

- Expand international funding opportunities through research collaboration and development projects.
- Establish a dedicated office of grants and endowments to attract alumni and corporate contributions.
- Corporate Social Responsibility (CSR) Partnerships: Proactively reach out to corporate partners to secure CSR funding for community projects, research initiatives, and infrastructure upgrades.

## **V. Teaching & Learning**

Teaching-learning practices at PSGRKCW are student-centred, technology-enabled, and outcome-focused. The college's teaching and learning processes are dynamic and learner centric. It follows a continuous evaluation system with CIA (Continuous Internal Assessment), model exams, and end-semester exams. The use of a variety of Learning Management Systems (LMS) such as Ample, Moodle, and Google Classroom facilitates a blended learning environment. A wide range of new pedagogical techniques are employed, including AI tools, gamification, flipped learning, and project-based learning. STEM education is available for interdisciplinary and transdisciplinary courses, promoting a holistic educational approach.

The impact of teaching is comprehensively assessed through a 360-degree appraisal system that includes feedback from students, faculty, parents, alumni, and employers. The library provides ample electronic resources, and teaching is rooted in research, with students undertaking inquiry-based live projects and experiential learning through internships with stipends. The mapping of course outcomes and program outcomes is diligently carried out. The college organizes a large number of academic events (503 national and international conferences, seminars, etc.), fostering a vibrant academic atmosphere. A high percentage of alumni (40%) serve as faculty, indicating a strong sense of community. Campus training methods, such as Personality Development

Programmes, and strong industry-academia linkages are also in place. The assessment methods are diverse, including open-book exams and online quizzes. The audit commends the institution's initiatives and suggests enhancing the STEM process across all departments and streamlining the LMS to document all teaching pedagogies. It also advises that a Program Outcome reflecting the institution's vision be integrated into all academic programs, as per new UGC guidelines.

***Strengths:***

- Assessments include CIA, model exams, end-semester exams, open-book, and online tests.
- Extensive use of LMS platforms (Moodle, Google Classroom, Ample).
- Innovative pedagogy: AI tools, gamification, flipped learning, blended learning, peer learning, case studies, internships.
- Feedback from stakeholders ensures continuous quality enhancement.
- 503 events (seminars, workshops, FDPs) foster knowledge exchange.
- 40% of alumni as faculty, reflecting institutional loyalty.
- Industry-academia collaborations through internships, MoUs, guest lectures, and corporate training.

***Suggestions:***

- Expand STEM pedagogy across all departments, not just science and engineering.
- Streamline LMS to record pedagogical diversity for quality audits.
- Institutionalize an E-Portfolio System: Mandate the use of e-portfolios for students to document their projects, skills, certificates, and reflections, which can be shared with potential employers.
- Advanced LMS Analytics: Leverage the data from Moodle/Google Classroom to analyse student engagement and performance trends, enabling early intervention for at-risk students.

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## **VI. Extended Curricular Engagements**

The institution promotes student engagement beyond academics through cultural, industrial, and community platforms. PSGRKCW extends its influence beyond the academic curriculum through a wide range of engagements. The college has generated a significant amount of revenue through industrial and corporate consultancy (Rs. 23 lakhs), demonstrating its relevance to the corporate sector. It provides corporate training

to industrial executives and offers academic consultancy services for agencies like CHIRD, NAAC, and NIRF.

The institution fosters a rich co-curricular and cultural environment through numerous domain-related clubs (625 activities) and cultural club activities that have generated significant funds (Rs. 36 lakhs). A crucial highlight is the effective functioning of the Mental Health Club and a dedicated Counselling Cell with a professional psychologist, addressing the psychological well-being of students. The presence of a Sports Club and Health & Wellness Club underscores the college's commitment to physical fitness. The college's social responsibility is evident through its adoption of 5 villages under the Unnat Bharat Abhiyan (UBA) program and 4 villages under NSS. The audit recognizes these efforts and recommends that the college continue to provide time-to-time facilities to stakeholders based on their evolving needs.

***Strengths:***

- Industrial & corporate consultancy revenue: Rs. 23 lakhs
- Over 625 activities performed through various student clubs which function actively in various domains
- Cultural clubs generated Rs.36 Lakhs through various events
- Strong support system through Mental Health Club and professional counselling.
- Sports, wellness, and cultural activities ensure holistic student development.
- Adoption of five villages under UBA and 4 villages under NSS, reflect community responsibility.

***Suggestions:***

- Documenting and publishing case studies of community outreach can help scale impact.
- Develop a digital portal to link consultancy, extension, and student engagement for visibility.
- Document Impact Metrics: Systematically measure and document the socio-economic impact of extension activities (e.g., income increase in adopted villages, mental well-being indices) for reporting and storytelling.

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## **VII. Governance and Administration**

PSGRKCW demonstrates strong governance structures, transparent processes, and statutory compliance. The college operates with a well-structured and transparent

governance and administration system. It adheres to all statutory compliances for its programs and courses through bodies like the Board of Studies (BoS), Academic Council, Governing Body, and College Council. The institution has an approved Institutional Development Plan that serves as a future vision document. The practice of e-Governance in critical areas like admissions, academics, examinations, and placements ensures efficiency and transparency.

The institution has robust welfare measures for both students and employees. Student welfare includes provisions for physical and psychological well-being, healthcare, and group insurance. Employee welfare measures such as a staff club, recreation facilities, maternity leave, ESI, and PF, demonstrate a commitment to faculty and staff well-being. A formal Grievance Handling System is in place, and quality assurance is a priority, managed through the IQAC. The college has a strong network of inter-university collaborations (50 at national and international levels) and a registered alumni association. A students' forum is constituted annually, providing a voice for the student body. The audit commends the well-established governance practices and recommends their continuation for the benefit of all stakeholders.

***Strengths:***

- Statutory bodies – BoS, Academic Council, Governing Body – ensure structured decision-making.
- Institutional Development Plan approved as a future vision roadmap.
- Adoption of e-governance in admissions, academics, placements, and administration.
- Student and staff welfare policies (insurance, recreation, maternity leave, on-duty, sabbatical leave).
- Collaboration with 50 universities globally strengthens academic diversity.
- Annual Students' Forum formed democratically.
- Alumni Association is registered under statutory body.

***Suggestions:***

- Blockchain for Credentials: Explore the implementation of blockchain technology to issue tamper-proof digital degrees and certificates to students.
- Data-Driven Decision Making: Empower the IQAC and administration with advanced data analytics dashboards to monitor key performance indicators (KPIs) in real-time.

## **VIII. Student Outcomes**

PSGRKCW records excellent student outcomes across placements, entrepreneurship, and higher education. The audit highlights a mixed but promising picture of student outcomes. The enrolment ratio is high at 92%, and the graduation rate is an impressive 98%, indicating a successful academic journey for a large majority of students. However, the placement rate is at 28%, with a median salary of Rs. 4 lakhs per annum. A significant number of students (60%) opt for higher education, which explains the lower placement rate. Additionally, 8% of students are self-employed or entrepreneurs, while 14% pass competitive exams, and 3% enter civil services, showcasing the diverse career paths students pursue.

Student achievements are also recognized externally, with 8% of students receiving recognition from external sources. The audit notes these appreciable efforts and suggests that the college provides lifelong learning facilities for alumni across the globe through online modes. This would create a continuous engagement with alumni, supporting their career growth and strengthening the college's network.

### ***Strengths:***

- 28% placement rate with median salary of Rs. 4 LPA.
- 60% of graduates pursue higher education, indicating strong academic orientation.
- 14% qualify competitive exams such as UPSC, NET, GATE.
- Self-employment and entrepreneurship at 8%, reflecting innovative culture.
- Enrolment ratio: 92%, graduation rate: 98%.
- Alumni in civil services (3%) demonstrate leadership outcomes.

### ***Suggestions:***

- Increase focus on career counselling for government and international job markets.
- Lifelong Learning Platform: As suggested, develop an online portal offering certificate courses, webinar series, and alumni networking events to engage graduates throughout their careers.
- Track Long-Term Outcomes: Initiate a project to track career progression and achievements of alumni over 5, 10, and 15 years to better measure long-term impact.

## **IX. Research & Innovation**

Research and innovation are a hallmark of PSGRKCW, making it a knowledge hub. PSGRKCW has a vibrant and flourishing research and innovation ecosystem. It has conducted 27 hackathons, and 100% of students engage in research projects. Faculty members have secured 26 extramural funded projects, and the college provides its own SEED money of Rs. 40 lakhs per year for internal research projects. The institution has generated a substantial research grant of Rs. 7 crores, and has secured multiple prestigious fellowships (BIRAC, DBT BUILDER, E-YUVA, UGC JRF, etc.). The college has a strong publication record with 373 SCOPUS/WoS publications and a significant citation score of 4410, reflecting the quality of its research.

The college has also been granted two patents and has generated royalty income. The establishment of nine Institutions' Centres of Excellence in diverse fields like Life Sciences, Advanced Materials, and Women Leadership highlights its specialized research focus. These centres include the Rural Women Technology Park (RWTP) and the Centre for Innovation and Entrepreneurship Development (CIIED). The audit suggests a focus on conducting multi-disciplinary research on IKS (Indian Knowledge Systems) and publishing the findings for global reach, which would enhance the college's unique research contributions.

### ***Strengths:***

- 100% student involvement in research projects.
- 26 extramural funded projects and Rs. 7 crore research grants generated.
- 75 Ph.D. s produced and 373 SCOPUS/WoS-indexed papers with 4410 citations.
- 2 patents granted and 2 royalties received.
- 9 Centres of Excellence established in advanced domains.
- International collaborations with Japan and other countries worth Rs. 57 lakhs.
- Seed money allocation of Rs. 40 lakhs annually demonstrate institutional commitment.
- Skill Satellite Centre sponsored by DSIR established in RWTP aims at the addressing location specific technological needs of women SHGs and women-run enterprises to uplift their socio-economic status

### ***Suggestions:***

- IKS Research Portal: Create a dedicated digital repository for research on Indian Knowledge Systems to consolidate findings and promote global collaboration.

- **Industry-Academia Research Partnerships:** Foster long-term research partnerships with industries, moving beyond consultancy to joint IP development and product innovation.
- **Pre-Print Servers & Data Sharing:** Encourage researchers to share pre-prints on platforms like arXiv and share research data in open repositories to increase visibility and citations.

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## **X. Sustainability**

The institution demonstrates environmental responsibility and alignment with UN-SDGs. The college has a strong commitment to environmental and social sustainability, with all its activities aligned with the UN-SDGs (United Nations Sustainable Development Goals). It has established dedicated green funds and facilities and conducts a green audit every year. The institution generates 200 kW of solar energy from renewable resources, a significant step toward energy independence. Its community engagement is notable, with adopted villages benefiting from activities conducted by NSS, UBA, and various clubs.

Waste and water management systems are robust, including a sewage water treatment plant, e-waste management, rainwater harvesting, and solid waste management. The college also collaborates with 21 NGOs on various initiatives. Climate risk management measures, such as lightning and earthquake-resistant systems, further demonstrate the college's proactive approach to safety and sustainability. The audit highly appreciates these initiatives and suggests enhancing green funds to make the campus a truly sustainable campus in all aspects.

### **Strengths:**

- 200 kW solar energy generated annually.
- Annual green audits conducted.
- Waste and water management through STP, rainwater harvesting, solid waste management.
- Collaborations with 21 NGOs for sustainability initiatives.
- Disaster resilience with earthquake-resistant and lightning-protected systems.

### **Suggestions:**

- Enhance green funds and develop PSGRKCW as a carbon-neutral campus by 2030.

- Publish an annual sustainability report for global benchmarking.

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## **XI. Best Practices**

The audit highlights three exemplary best practices that set PSGRKCW apart.

### ***Curriculum & Learning Innovation:***

The college's blended learning ecosystem, which integrates classroom teaching with digital platforms like MOOCs, SWAYAM, and NPTEL, provides a flexible and global learning environment. The curriculum's integration of professional certifications (Tally, Digital Marketing, etc.) ensures students are professionally ready for the workforce. The implementation of Outcome-Based Education (OBE), coupled with interdisciplinary and experiential learning through internships and live projects, makes the education highly relevant.

### ***Societal Impact & Sustainability:***

The Rural Women Technology Park (RWTP) is a flagship initiative that empowers rural women with technology and livelihood training. The college's deep-rooted commitment to community outreach is evident in its 70,000+ hours of student service and its adoption of five villages under UBA and 4 villages under NSS. The campus's sustainability practices, including bio-composting, e-waste recycling, and micro-scale experiments, are commendable. Socially relevant research on topics like water purification and climate change demonstrates the college's commitment to using knowledge for community benefit.

### ***Empowering Women Leaders:***

A key differentiator is the college's dedicated focus on women's empowerment. This is achieved through the Chandrakanthi Centre for Women Leadership. A women's studies course for first-year students, and the promotion of student-run campus companies support this empowerment. A strong alumni network provides mentorship, and the college promotes holistic empowerment through arts, sports, and well-being initiatives.

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## Part II

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### SWOC Analysis

#### 1. Strengths (S)

- Robust Academic Framework: The college has a strong foundation with its curriculum based on Outcome-Based Education (OBE) and Blooms' Taxonomy. The regular updates, integration of emerging technologies like AI, and inclusion of skill-based, value-added, and bridge courses ensure the curriculum is relevant and modern.
- Strong Faculty and Resources: A healthy faculty-student ratio of 1:20 and an impressive faculty retention rate of 90% indicate a stable and high-quality teaching environment. The induction of Professors of Practice and foreign faculty enriches the learning experience.
- Excellent Infrastructure and Financial Management: The institution boasts adequate infrastructure, including modern labs, e-resources, and assistive technologies. Sound financial management is evident from its Rs. 60 crore annual budget, strategic fund allocation, and provision of significant scholarships to students.
- Vibrant Research and Innovation Ecosystem: The college has a flourishing research culture, with 100% student involvement in research projects, substantial external and internal funding, numerous high-impact publications (373 SCOPUS/WoS), and two granted patents. The nine Centres of Excellence further solidify its research standing.
- Commitment to Women's Empowerment: The college's focus on empowering women is a core strength. The Chandrakanthi Centre for Women Leadership, women's studies course, and student-run campus companies like Magical Shades and Vogue create a unique environment for female leadership development.
- Sustainable and Socially Responsible Initiatives: The college aligns its activities with UN-SDGs and implements strong sustainability practices, including a green audit, solar energy generation (200 kW), and waste management. Its community outreach through the Rural Women Technology Park (RWTP) and the adoption of five villages under the Unnat Bharat Abhiyan (UBA) & 4 villages under NSS demonstrate a deep commitment to social good.

## **2. Weaknesses (W)**

- Suboptimal Infrastructure Utilization: Although infrastructure is abundant, the audit suggests a need to devise better mechanisms and protocols for the optimum utilization of available resources by students, research scholars, and faculty.
- Lack of Credit Transfer System: The absence of a formal credit transfer mechanism limits academic flexibility for students who might want to take courses elsewhere, a feature becoming increasingly common in modern education.

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## **3. Opportunities (O)**

- Securing External Funding: The suggestion to encourage stakeholders to source grants for research and consultancy from external agencies represents a significant opportunity to increase revenue and fund larger projects.
- Enhancing STEM and Multidisciplinary Research: Expanding the STEM process to all departments and conducting more multi-disciplinary research on Indian Knowledge Systems (IKS) offers a chance to innovate and gain global recognition.
- Providing Lifelong Learning for Alumni: Offering lifelong learning facilities through online modes for alumni is a great opportunity to create a stronger, more engaged alumni network and potentially generate new revenue streams.
- Streamlining LMS: Fully streamlining the Learning Management System (LMS) to document all teaching pedagogies provides an opportunity to improve internal processes and data collection for future audits and accreditations.
- Introducing Academic Bank of Credit

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## **4. Challenges (C)**

- Balancing Academic and Corporate Demands: The college faces the challenge of continually updating its curriculum to meet rapidly changing industrial and market demands while also maintaining academic rigor and a diverse range of courses.
- Sustaining Research Momentum: Maintaining and growing the current level of research output, publications, and grant generation is a continuous challenge that requires sustained effort and investment in faculty development and research infrastructure.
- Maximizing Student Outcomes: While the graduation rate is high, the college must address the challenge of improving student outcomes in specific areas like

placements while also catering to the large percentage of students who opt for higher education and competitive exams.

- NEP implementation is also a challenge.

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## Part III

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### Institutional Alignment for QS Rankings

#### 1. Understanding QS Ranking Parameters

The QS World University Rankings employ a comprehensive methodology that evaluates institutions across several key metrics:

- Academic Reputation (40%): Based on global survey of academics.
- Employer Reputation (10%): Based on survey of employers worldwide.
- Faculty/Student Ratio (20%): Measures teaching resources.
- Citations per Faculty (20%): Assesses research impact.
- International Faculty Ratio (5%): Measures global diversity of staff
- International Student Ratio (5%): Measures global diversity of students

Additionally, the QS Stars rating system evaluates universities across a broader range of criteria including teaching, employability, research, internationalization, learning environment, innovation, engagement, and specialized criteria.

#### *1.1 PSGRKCW's Current Alignment with QS Metrics*

Based on the available audit information and search results, PSGRKCW shows varying degrees of alignment with QS ranking criteria:

- Strengths: The college performs well in areas of faculty-student ratio (1:20), employer connections (28% placement rate), and has begun building international research collaborations (3 international projects worth ₹57 lakhs).
- Improvement Areas: The institution shows limited global visibility in current rankings (UNIRANKS position 14071), and while it has some international research partnerships, it has limited international faculty and student numbers based on available data.

*Table: PSGRKCW's Current Alignment with QS Ranking Criteria*

QS Metric	Current Status	Strengths	Improvement Areas
Academic Reputation	Limited global recognition	Strong national reputation (NIRF #7)	Low international awareness
Employer Reputation	Good national recognition	28% placement rate, industry linkages	Limited global employer knowledge
Faculty/Student Ratio	1:20	Better than many institutions	Maintain with growing student numbers
Citations per Faculty	4410 total citations	Growing research output	Increase per-faculty citation rate
International Faculty	Limited data	Foreign faculty for research	Increase international hiring
International Students	Limited data	-	Develop recruitment strategy

## 2 Global Ranking Position & Analysis

### 2.1 Current Ranking Status

Based on the search results, PSGR Krishnammal College for Women currently holds the following ranking positions:

- UNIRANKS 2025: Global rank 14071 with a score of 24.99.
- AD Scientific Index 2025:
  - World rank: 3061 (Overall), 5795 (Citations)
  - India rank: 253 (Overall), 785 (Citations)
- Subject-wise Rankings (AD Scientific Index):
  - Economics & Econometrics: Rank 279 in India
  - Business & Management: Rank 478 in India
  - Natural Sciences: Rank 813 in India.

These placements indicate that while PSGRKCW holds a respectable position in national rankings (NIRF #7), its global visibility and impact remain limited. The college does not currently appear in the main QS World University Rankings.

### 2.2 Benchmark Against Regional Peers

When compared to other institutions in the region, PSGRKCW shows promising research productivity but trails in internationalization. For example:

- The college has 151 researchers indexed in AD Scientific Index, demonstrating considerable research activity.
- Research concentration is strongest in Natural Sciences (37 scientists), Social Sciences and Humanities (30), and Engineering & Technology (21).

- However, the institution lacks the international faculty and student representation that characterize top-ranked global universities.

*Table: Comparison of PSGRKCW with Typical QS Ranked Institutions*

Parameter	PSGRKCW Current Status	Typical QS Top 500 Institutions
International Faculty	Limited (based on available data)	20-30% international faculty
International Students	Limited (based on available data)	15-25% international students
Research Citations	4410 total citations	50,000+ total citations
Faculty-Student Ratio	1:20	1:10-1:15
Global Partnerships	50 National & International collaborations	100+ international partnerships

### 3 Key Strengths for QS Ranking

#### 3.1 Academic Excellence and Curriculum Innovation

PSGRKCW demonstrates significant strengths in its academic framework that align well with QS ranking criteria:

- Outcome-Based Education: The curriculum is designed based on OBE and Bloom's Taxonomy, ensuring focus on measurable learning outcomes and skill development.
- Industry-Aligned Programs: Regular curriculum updates based on industrial and market requirements, with syllabus integrated with technology-oriented skill-based knowledge.
- Innovative Teaching Methods: Implementation of new pedagogical techniques including AI tools, gamification, flipped learning, blended learning, and project-based learning.
- Program Diversity: Offering of 72 diverse courses across multiple disciplines including certification, BBA, MBA, M. Phil, and PhD programs.

#### 3.2 Research and Innovation Capabilities

The college has developed substantial research infrastructure and output:

- Research Centres: 9 established Centres of Excellence in areas like Life sciences, Advanced materials, Commerce professionals, and Women's leadership.
- Publication Output: 373 Scopus/Web of Science publications with a citation score of 4410.
- Funding Success: ₹7 crore in research grants generated, with 26 extramural funded projects by faculty.

- Patent Activity: 2 patents granted, and royalty income generated.

### ***3.3 Infrastructure and Learning Environment***

PSGRKCW boasts extensive infrastructure that supports both academic and research activities:

- Comprehensive Facilities: Classrooms, labs, central instrumental facility, auditoriums, E Studio, library and e-resource centre, hostels, and recreational facilities
- Technology Resources: Computer-student ratio of 1:4, 18 licensed software packages, Wi-Fi facility, and 2 GBPS internet connectivity
- Specialized Learning Spaces: Science labs with calibration facility, 25 total labs with 1:60 usage ratio
- Support Services: Assistive technologies for differently abled students (NVDA software, Audiobooks)

## **4 Areas for Improvement & Strategic Recommendations**

### ***4.1 Enhancing Internationalization***

Current Gap: Limited evidence of international students and faculty in search results.

Strategic Recommendations:

- Develop International Student Recruitment Strategy: Create targeted scholarship programs for international students, particularly from Southeast Asia, Africa, and the Middle East
- Increase International Faculty Hiring: Launch a global faculty recruitment program with competitive packages to attract international academics.
- Expand Global Partnerships: Form strategic alliances with top 500 QS ranked universities for student exchange, joint research, and dual degree programs.
- International Curriculum Integration: Incorporate global case studies, international perspectives, and cross-cultural learning modules across all programs.

### ***4.2 Boosting Research Visibility and Impact***

Current Gap: While research output is decent, citation impact (4410 across all publications) needs improvement for global ranking standards.

***Strategic Recommendations:***

- Target High-Impact Publications: Implement incentive structures for publication in Q1 journals with high impact factors.

- Enhance Research Collaboration: Develop international research networks and encourage co-authored publications with researchers from top-ranked institutions.
- Focus on Interdisciplinary Research: Establish multidisciplinary research teams to tackle global challenges aligned with UN SDGs
- Research Visibility Strategy: Invest in professional research communication, social media dissemination, and conference participation to increase citation rates.

### **4.3 Improving Employer Reputation and Outcomes**

Current Gap: Placement rate of 28% and median salary of ₹4 LPA are modest for global ranking standards.

Strategic Recommendations:

- Global Corporate Partnerships: Develop relationships with multinational corporations for internships, placements, and curriculum input.
- Alumni Network Development: Create an international alumni chapter system to enhance global networking and employment opportunities.
- Career Development Enhancement: Implement a comprehensive professional development program focusing on soft skills, global workplace competencies, and interview preparation.
- Graduate Outcomes Tracking: Establish a robust system for tracking international employment outcomes and graduate success stories.

### **4.4 Strategic Communication and Brand Building**

Current Gap: Limited global awareness despite strong national reputation.

Strategic Recommendations:

- Global Brand Campaign: Develop a targeted international marketing strategy highlighting the institution's unique selling propositions.
- Digital Presence Enhancement: Optimize English-language web content for international audiences and improve social media engagement in global educational communities.
- QS Data Submission Excellence: Create a dedicated team to prepare and submit comprehensive institutional data to QS following best practices.
- International Rankings Strategy: Appoint a rankings manager to coordinate efforts across departments to improve ranking performance.

*Table: Detailed Implementation Plan for QS Ranking Improvement*

<b>Strategic Area</b>	<b>Short-Term Actions (0-1 year)</b>	<b>Medium-Term Actions (1-3 years)</b>	<b>Long-Term Actions (3-5 years)</b>
Internationalization	Develop international student recruitment materials	Establish 5+ new international partnerships	Achieve 10% international student ratio
Research Impact	Identify key research areas for investment	Increase citations by 50% annually	Achieve top 200 Asian ranking in 2 subjects
Employer Reputation	Survey international employers	Establish 10+ new corporate partnerships	Achieve 40%+ placement rate
Brand Building	Develop rankings strategy team	Improve website global accessibility	Achieve QS Stars rating of 4+

## **5. Implementation Roadmap**

PSGR Krishnammal College for Women possesses strong fundamental attributes that provide a solid foundation for achieving improved QS rankings. The institution's NAAC A++ accreditation, NIRF #7 national ranking, robust infrastructure, and growing research output demonstrate considerable potential for international recognition. However, to achieve a competitive position in the QS World University Rankings, the college must address key areas such as internationalization, research citation impact, global employer reputation, and strategic communication.

### **5.1 Implementation Roadmap (Based on your present achievement)**

- Phase 1 (0-12 months): Establish a QS Rankings Task Force, conduct comprehensive gap analysis, develop international recruitment strategy, and initiate first wave of targeted improvements.
- Phase 2 (1-3 years): Implement structural reforms, establish international partnerships, increase research investment, and begin seeing improvements in citation metrics and international indicators.
- Phase 3 (3-5 years): Achieve measurable ranking improvement, potentially entering QS Asia University Rankings, and establish sustainable processes for maintaining competitive position.

The journey to achieving a strong QS ranking requires institutional commitment, strategic investment, and continuous improvement. By leveraging its existing strengths while addressing areas for development, PSGRKCW can realistically aim to achieve a position within the QS Asia University Rankings within 3-5 years,

with potential for further improvement beyond this timeframe. With its strong foundation in women's education and empowerment, the college has the potential to become a globally recognized institution known for academic excellence and innovation.

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## Conclusion

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The academic and administrative audit of PSGR Krishnammal College for Women highlights a holistic, sustainable, and forward-looking academic ecosystem. With robust curriculum design, strong faculty base, advanced infrastructure, financial stability, innovative pedagogy, active governance, excellent student outcomes, impactful research, sustainability practices, and unique best practices, the institution has established itself as a national leader in women's higher education. The suggestions provided are aimed at building upon this already strong foundation. By focusing on enhancing research grants, implementing a credit transfer system, optimizing infrastructure usage, and formalizing its many best practices into scalable models, PSGRKCW can further solidify its position as a premier educational institution not just in India, but on the global stage, truly fulfilling its mission of empowering women leaders for the future.

The audit concludes that PSGRKCW has successfully aligned itself with UN-SDGs and global benchmarks while maintaining its core vision of empowering women through quality education. By adopting the suggested improvements—credit transfer, enhanced STEM pedagogy, post-doctoral faculty research, and lifelong alumni learning—the institution can further scale new heights, becoming a globally recognized centre of excellence in higher education.

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