

SHERNI: Empowering Women Through Research and Collaboration in India.

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Abstract

SheRNI is a forerunner in terms of what it does which is to put forward research collaboration and also to support women in academia and scientific fields in India. In this paper we look at SheRNI's role in terms of promoting gender inclusion in the research community which we do through analysis of its many features which include Scientist of the Month, Experts in Various Subjects, Meet Our Shernies, and Eminent Experts. We also look at the platform's past, its impact in terms of citations, and its increasing importance in the research environment of India. By bringing female researchers to the fore, creating networks, and mentoring from distinguished experts, SheRNI is a key player in closing the gender gap in STEM and other academic fields. Also, we look at how SheRNI does in terms of knowledge transfer and professional development of which a large part is also breaking the mold for the next set of women scholars. Through an in-depth analysis, the research highlights SheRNI's transformative influence on women's empowerment in India's research ecosystem.

Keywords: Women in academia, Gender inclusivity, Research community, Female researchers, Networking opportunities, Professional growth, Women's empowerment, India's research ecosystem

Introduction.

"कार्येषु मन्त्री करणेषु दासी भोज्येषु माता शयनेषु रम्भा।
धर्मानुकूला क्षमया धरित्री भार्या च षड्गुणवतीह दुर्लभः॥"

India has always had a rich historiography of women's contribution to the writings of different traditions and women's scholarship. Women were advocates for the advancement of scholarship during the ancient period. Philosophers and scholars of the later part of the Vedic period, Gargi Vachaknavi and Maitreyi, participated in

the debates of the Upanishads and were recognized for their great intellect. Women also contributed to the science and medicine in the Siddha and Ayurveda traditions. Poets like Andal and Avaiyar enriched the Indian literature. In the medieval period, during her time, Mirabai composed a great deal of her writings in the bhakti movement and challenged the social norms of her time. So did Lal Ded in her poetry and writings. Rani Durgavati and Chand Bibi devised governance strategies that showcased their intellectual abilities and promoted research and cultural advancement in their regions. Mughal princess Jahanara Begum, who sponsored Sufi literature, demonstrates the importance of women in the cultivation of the arts and the intellectual sphere. The colonial period was a new turning point in which women contributed to the education and reform movements. Figures such as Savitribai Phule initiated extraordinary efforts in women's rights and education, and Janaki Ammal made enormous contributions to the field of science, particularly biology and botany. The SheRNI (She Research Network in India) initiative emerges as a groundbreaking platform designed to support, connect, and elevate women researchers across India. By addressing the unique challenges faced by women in academia, research, and professional development, SheRNI provides a comprehensive framework to enable their growth and success. This network not only offers resources, mentorship, and collaboration opportunities but also creates a space for women researchers to share knowledge and amplify their contributions in diverse fields. With a focus on inclusivity, equity, and innovation, SheRNI plays a pivotal role in breaking barriers, encouraging interdisciplinary research, and promoting leadership among women in academia. In this article, we explore the key features, benefits, and overarching purpose of the SheRNI network, highlighting how it is transforming the landscape for women researchers in India and paving the way for a more equitable future in research and academia.

Objective of the study.

1. To know the sheRNI programme.
2. To evaluate the webpage of sheRNI.
3. To examine every feature and their effectiveness of websites.
4. To identify the key challenges and barriers that hinder women's participation in research, innovation and leadership roles in India.

Scope of the study.

This paper discusses the functioning state of libraries and information centres describing the multiple facets of libraries and librarians in the current scenario of education. It also discusses the changing landscape of the online educational ecosystem and the strategies libraries and information centres undertake to aid education and research. The purpose of this study is to analyze the significant impact and contribution of **SheRNI: Empowering Women through Research and Collaboration in India**. The study focuses on the challenges and opportunities arising from the rapid growth of digital learning environments and their influence on academic and research development.

Role of women in research: An overview.

The empowerment of women has become the touchstone of progress in society; its roots go deep into India's cultural and intellectual ethos. Ancient India had woman scholars like Gargi and Maitreyi, whose contributions to philosophical discourses stood at par with their male peers, especially in the discussions on the Vedas and Upanishads. This was arguably one point in human history where intellectual equality, if it were recognized in specific contexts, allowed women to join their menfolk in research and learning. Medieval era changes in societal ethos curtailed such active contributions and relegated the role of women to the background in all intellectual pursuits. With the advent of modernity, during colonial and post-independence India, a resurgence of women's contribution began. Along with reformers like Savitribai Phule,

institutions set up for women's education revived the spirit of inquiry and research among women. Today, armed with constitutional rights and systemic reforms, women have made stellar contributions across disciplines—from science and technology to literature and social sciences. From the ancient respect accorded to women scholars to their modern resurgence, the story signifies the unyielding resilience and determination of Indian women. This rising contribution to research is but a reflection not merely of individual success stories but, more significantly, an evolving societal recognition of gender equality as a corner stone for progress. Empowerment of women continues to enrich the nation's intellectual canvas, fostering an inclusive and innovative research landscape.

SheRNI(origin)

SheRNI is an innovative expert profile network, the first of its kind, devised to connect and amplify the knowledge, skills, and expertise of women professionals across diverse fields in India. This dynamic platform aspires to empower women by fostering opportunities for collaboration, mentorship, and knowledge exchange, creating a vibrant community of support and growth. Focusing on building a national expert profile system for women faculty and scientists, SheRNI facilitates seamless sharing of insights, experiences, and expertise, thus enabling participants to forge meaningful professional relationships that contribute not only to their career advancement but also strengthen the collective impact of women experts in various disciplines. Serving as a hub for connection and empowerment, SheRNI actively contributes to the advancement of women across professions, championing their achievements and creating pathways for sustained growth and development in academia, science, and beyond. The Research Network in India, SheRNI, was established as a pioneering initiative aimed at empowering women in academia and research. The platform was conceived to address the gender disparity in research and to provide a supportive ecosystem for women scholars across India. Rooted in the vision of creating an inclusive space, SheRNI began as a grassroots movement, bringing together women researchers from diverse disciplines. The Research Network in India (SheRNI) started in 2018 as a way to help women researchers all over India. It was established by a collective of women in academia, research, and social activism who realized that women faced challenges when they sought to progress in the field of research. Some forward-thinking founders from different fields got together and created SheRNI to be a place where women scholars could meet, share helpful information, and get advice. Right from the start, the idea was to close the gender gap in research and encourage an open environment that values new ideas and doing your best in academics. Since then, it has grown into a support system, providing resources, mentorship, and chances to make the voices of women heard in science, technology, the humanities, and other areas. Now SheRNI is the main sources of inspiration, encouraging women researchers to work together and come up with new ideas, as well as supporting equal rights for women in education and their work. SheRNI is still going strong, bringing women researchers together across the country and promoting what they do in many different fields.

SheRNI has these main goals:

1. Teamwork: Get women researchers and schools working together across different fields.
2. Mentoring: Pair up young researchers with experienced mentors to help them grow in their careers.
3. Researches: It give access to money, classes and tools that are needed to do well in research.
4. Support and Speaking Up: Make people aware of the problems women face in research and try to get fair rules in place.
5. Building a Group: Make a network where people can share what they know, new chances, and successes.

General Information of SheRNI Webpage

Feature	Description
URL	Official webpage link
Host/Authority	NITI Aayog / Govt. of India
Launch Year	2018
Target Audience	Researchers, Women scientists, Policymakers
Coverage	India / Global reach

purview of SheRNI

The SheRNI (She Research Network in India) website likely aims to help and connect female researchers in India. Here's what might be on the site:

1. Ways to Connect: A place where women researchers from different fields can meet, work together, and mentor each other.
2. Research Library: A collection of research papers, articles, and other materials written by female researchers.
3. Funding Info: Details on grants, scholarships, and other funding chances for women in research and academia.
- 4.Events: A list of upcoming conferences, webinars and workshops to help people grow their skills and share what they know.
5. Mentoring: Pairing experienced researchers with those just starting out for advice and support.
6. Forums: Places to talk about research problems, career growth, and gender issues in academia.
7. Awards: Celebrating the successes of female researchers with awards and special mentions.

Key Features of the Homepage:

1. Scientist of the Month

Purpose: To recognize and celebrate an amazing female scientist every month.

Content:

- A picture of her or something related to her work.
- A short summary of her research and what she's done.
- Links to her full profile, latest papers, or talks.
- Make it fun: People can vote for or suggest scientists for next month.

2. Experts in Different Fields

Purpose: To show off experts in different subjects such as Biology, Chemistry, Physics, Engineering, etc.

Content:

- An organized menu to find what you need easily.
- Short bios of experts, including their name, title, what they are good at, and a link to their full profiles.
- Pictures or icons for each category.
- Make it fun: People can look for experts based on fields, locations, or schools.

3. Meet Our Shernies

Purpose: To introduce the members of the network and what they do for the SheRNI community.

Content:

- Short life stories of community members.
- Things like their current projects, teamwork, or events.
- Photos or videos from SheRNI programs.
- Make it fun: A member spotlight that changes every day/week.

4. Well-Known Experts

Purpose: To give respect to world-class experts linked to SheRNI or inspirational figures in the research world.

Content:

- Profiles of senior researchers, big thinkers, or guides.
- Key accomplishments, awards, and recognitions
- Videos of talks or interviews.

Here are some extra things you'll find:

1. Search and Navigation:

- * Find profiles, articles, and SheRNI events fast.

2. News:

- * Get updates on new projects, prizes, workshops, and meetings.

3. Get involved:

- * Easy buttons to join SheRNI, suggest scientists, or take part in activities.

4. Social Media:

- * Links to SheRNI's social media and a live feed of recent posts.

5. Bottom of the page:

* Contact info, partner details, and a sign up for news.

Table: Research Output and Visibility Indicators

Category	Indicator	Count	Description
Researchers	Faculty / Scientist	111,304	Total number of registered researchers covered
Research Impact	1.Resources Impact	1.73,998,560	1.Overall impact score (citations, usage, visibility)
	2.Citations	2.208,960	2.Total citations received by publications
Scholarly Resources	1.Publications	1,006,306	Number of research papers/articles published
	2.Patents	21,115	Patents filed/granted by researchers
Access Types	Closed Access	185,926	Papers behind paywalls
	Gold OA	34,535	Published in fully open access journals.
	Green OA	12,583	Self-archived in repositories
	Bronze OA	12,195	Free-to-read on publisher's site but without a clear license
Altimetric (Beyond Citations)	News, Blogs & Policy	486,334	Mentions in media, blogs, and policy documents
	Wiki	133,320	References in Wikipedia
	Social media	872,983	Mentions in platforms like Twitter, Facebook, etc.
		5,067,990	Readers/bookmarks in Mendeley (showing usage/saving of papers)

The Shodh Shuddhi Research Network in India (sheRNI) gives a good look at the work and impact of Indian researchers in different fields. **The statistics indicate their publication output, the quantity of patents they possess, and the scope of their research impact, its accessibility, and its public visibility.** This table gives a summary of these things. It shows that 111,304 researchers helped create a lot of materials, like over 1 million articles and 21,115 patents. The total research impact score is 7.2 million, with almost 4 million citations, which means it has a big influence in the academic world. When it comes to getting to the research, most of it is still not openly available (185,926), but some is available through open-access options like Gold (34,535), Green (12,583), and Bronze (12,195). Besides citations, research visibility is also measured by altimetric: over 486,000 mentions in news, blogs, and policy documents; 133,320 references in Wikipedia; almost 873,000 mentions on social media; and many readers on Mendeley (5 million+), which shows people are using and spreading the research a lot. In conclusion, the sheRNI data shows that Indian research is not just growing in number but is also becoming more visible, easier to access, and more relevant to society. The mix of publications, patents, and open-access projects points to progress in both academic quality and innovation. Also, the altimetric numbers confirm that Indian research is having a greater impact in digital,

educational, and policy areas around the world. It's clear that today's libraries and library workers are not just providing needed services but are also trying hard to meet the different information needs of their users.

Conclusion:

They are involved in many research activities that help make society better. SheRNI is a current way to approach academic research and library teamwork, which shows how information access is changing—where knowledge and resources are now just a click away. In today's technology-driven and often stressful world, libraries are still very important because they provide reliable and easy-to-reach information to people, even at home. This combined academic and research setup encourages big steps forward in education and society. Plus, it helps women take their research further, proving that when women get chances and support, they can do anything they want. Like the old saying about a woman who has wisdom, humility, affection, beauty, faithfulness, and patience—qualities that make her a great partner and source of harmony in life. SheRNI brings these values into today's world, defining and showing women's strength, intelligence and what they contribute to the world.

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