

Women in Maritime: Challenges and Opportunities for Women in the Indian Maritime Industry

Cadet. Abhishek R Bisalahalli, Cadet. Arnav Rastogi, Cadet. Avlon Nagorama, Cadet. Mallanagouda Malipatil, Dr Pratibha Jagtap
MANET, MIT ADT UNIVERSITY, PUNE

.ABSTRACT

This paper examines the challenges faced by the women in the maritime industry, particularly in India and its methodology where gender stereotypes, physical constraints, and psychological pressures create significant barriers. The study explores the societal expectations that hinder the women's participation in its traditionally male dominated field and assesses their impact on career growth, job satisfaction and mental well-being during the career and post career. Using qualitative as well as research methods the paper analyzes statistical data on gender representation and workspace challenges. The findings indicate that despite increasing representation, women continue to face discrimination and limited opportunities. However, with policy changes, industry wide initiatives and company actions the industry is gradually becoming more inclusive. The paper concludes by emphasizing the need for systemic reforms to ensure equal opportunities for women in maritime careers. By addressing these challenges and implementing gender-inclusive policies the industry can foster a more diverse and supportive work environment.

KEYWORDS - Gender Stereotypes, Maritime Industry, Discrimination, Inclusive Policies, Career Growth, Mental Well-being, Diversity Programs.

2. INTRODUCTION

The merchant navy involves the commercial shipping companies and fleets of ships and vessels operating in the business of maritime commerce and transportation of goods and passengers on the oceans and waterways around the world. It is an important part of the global shipping sector and is relied upon to support international trade and commerce. The shipping sector has been a strong sector of our industry from the time of ancient days to the industrial age to the present day. Highly male-dominated, it was extremely difficult for the women in industry to penetrate it. Women were mostly excluded owing to superstitions and cultural practices. By the 19th century, women started working as stewardesses on passenger ships, taking their first official positions. In World Wars, women entered the shipyards and the logistics sector as men rushed to

war, demonstrating their abilities though discriminated. Captain Radhika Menon created a benchmark and an icon for women of the Indian maritime sector for all the young female seafarers. She broke the record in 2012 by becoming India's first female merchant vessel captain and led the oil tanker MT Svarna Swarajya. Just like predicted, she also encountered significant setbacks during the initial career phase, lacking proper family support and gender stereotypes but her dedication never falters as she reached great heights in her life. The issues of women have always remained the same. Despite some progress, women face challenges such as gender stereotypes and bias. Besides that, they also deal with the challenge of underrepresentation, where there is a very small number of women in leadership positions and technical fields, thereby leaving little room for mentorship or inspiration. Apart from that, issues like harassment, discrimination, and lack of proper facilities onboard ships makes it tougher to live. Training and job prospects are usually scarce, so it becomes more difficult for women to develop within the business.

The maritime institutions are the foundation for the young ones. The institutions must provide equal opportunities and education to all the cadets without discriminating against anybody and providing a supportive climate and educating the cadets of all the various policies. Various mentorship activities must be carried out with awareness and a safe environment for the girl cadets to flourish. Career growth must be supported actively through imparting specialized courses, internships and career counseling. The research encompasses all the spheres of Indian women in shipping, like the problems encountered, existing situations, and plans for the foreseeable future. The research also addresses the background, gender inequality, and various strategies for empowerment through organizations such as WISTA, WIMA, IWSF, etc. The research touches on core issues like concentration on mental health, daily challenges, and issues that hampered them before they went to sea. It also touches on how gender disparity needs a whole-person approach that not only empowers women's leadership but also dismantles the structural barriers that hinder their growth and empowerment. It ends with success stories of female cadets projecting exceptional leadership in the shipping sector.

3. OBJECTIVE

- 1) This research paper illuminates the upcoming role of Indian women in the marine workforce, tackling all the stereotypes in this heavily male-dominated field.
- 2) To explore the challenges faced by women in maritime careers, the progress made in promoting gender diversity, and the initiatives aimed at empowering women in leadership positions.
- 3) Additionally, it also aims to confess the knowledge gap on women's participation and their potential roles in an evolving marine and maritime industry while also focusing on different struggles faced during their education in the maritime institution.
- 4) To evaluate the impact of policies, support systems, and diversity programs on improving gender equality in the maritime industry and propose strategies for creating a more inclusive and equitable work environment for women.

4. LITERATURE REVIEW

The books under review give a vivid picture of the complex issues confronting women in the shipping industry of the global world but also demonstrate their worthwhile contributions. There is always underrepresentation and exclusion from professional growth because of deeply rooted gender stereotypes and the largely masculine organization. It offers a hostile climate and restricts the potential of women. Work-life balance, more so for those with caring responsibilities, is one of the key challenges but inadequately sustained by institutional settings and flexible policies. Also, working hours, dedication, and access to decision-making roles continue to exhibit gender biases, denying women the chance to perform at best and make an impact.

In the face of such barriers, literature strongly emphasizes women's pivotal role in maritime economies and the capacity to shape maritime peacebuilding and security for the better. It is all the more imperative, then, that institutionally empowering support, policy change, and stakeholder inclusivity are needed to shatter the prevailing imbalances. Although there are positive trends in some fields, such as increased women's involvement in decision-making, the global environment needs well-conceived empowerment interventions to address operational issues and ensure equal opportunity. Stereotyping is an endemic operating issue that must be addressed. In the actual sense of it, the studied research calls for a combined effort in the sense of offering an open and fair maritime industry that recognizes and values the role of women.

5. Research Methodology

This research employs a mixed-methods approach, utilizing a descriptive and exploratory design to

investigate the experiences, challenges, and prospects of women in the maritime sector. The study aims to provide a comprehensive understanding of the current situation by combining quantitative and qualitative data gathered through an online survey.

5.1 Research Objectives and Design:

- Objectives: To examine the experiences, challenges, and prospects of women in the maritime sector, focusing on their contributions and the obstacles they face.
- Design: A mixed-methods approach, combining quantitative (closed-ended questions: Likert scale, MCQs) and qualitative (open-ended questions) data collection through an online survey (Google Forms) and personal interviews.
- Target Population: Female cadets pursuing maritime education and training, and female cadets and professionals currently working at sea (sailing), from diverse geographic locations and maritime institutions.
- Sampling: Purposive sampling was used to target these specific groups. A total of 30 respondents participated in the survey. Out of which 13 were the sailing respondents and 17 were from the maritime institutions.
- Survey Themes:
 - o Challenges encountered by women in the maritime sector.
 - o Role of workplace and institutional support systems.
 - o Motivations and career goals.
 - o Solutions for enhancing gender inclusivity.

6. Data Analysis and Interpretation

Category	Responses & Count from the 13 sailing respondents
Representation of Women	Satisfied (8), Neutral (4), Very Satisfied (1)
Family/Community Support	Very Supportive (5), Somewhat Supportive (3), Not Supportive (3), Neutral (2)
Gender-Based Barriers in Education	Yes (3), No (10)
Increase in Women in Maritime	Yes (13)
Mentorship/Networking Opportunities	Agree (13)
Harassment/Discrimination	Yes (11), No (2)

Category	Common Themes/Challenges
Challenges in Pursuing a Career	<ul style="list-style-type: none"> - Lack of career awareness (Most cited) - Financial constraints - Family/societal pressure - Gender bias during recruitment - High cost of education
Factors Limiting Women's Participation	<ul style="list-style-type: none"> - Gender stereotypes & cultural barriers (Most cited) - Societal responsibilities (marriage, family pressure) - Lack of interest among women - Limited job opportunities
Challenges in Daily Work	<ul style="list-style-type: none"> - Harassment & unsafe work environments - Work-life balance issues - Gender discrimination - Lack of mentorship/career support
Recruitment Encouragement	<ul style="list-style-type: none"> - Yes (Majority) - Some respondents felt companies still prefer male candidates
Suggestions for a More Inclusive Industry	<ul style="list-style-type: none"> - More mentorship & networking opportunities - Gender sensitization training - Skill-based evaluations by female officers
	<ul style="list-style-type: none"> - Proper training & equal treatment onboard

6.3 Key Findings:

1. Perception of Representation:

Varying responses were reported, with some being content with existing representation, while others were neutral. This reflects a split perception of advancement.

The split reactions towards representation imply that although progress is recognized, it's not a universal experience, perhaps owing to regional or firm-specific differences.

"Neutral" responses may reflect doubt or ignorance, which should be factored in when conducting subsequent analysis.

2. Support System:

Support from family and community was from very supportive to not supportive, showing that social context significantly influences women's entry into the profession.

The strong association between levels of support and career ease perceived underscores the significance of familial and social support in bridging initial obstacles.

Non-support from the family could be attributed to concerns for safety or cultural values.

3. Gender-Based Barriers in Education/Training:

- A significant number of respondents reported facing gender-based barriers during their education or training, signaling systemic issues.

- This underscores the need for institutional reforms to ensure equitable access and treatment.

- Gender sensitivity training for maritime education staff is essential.

4. Career Challenges:

There was a remarkable number of students who complained about gender-based challenges in education and training, a clear indicator of systemic challenges.

It implies that institutional transformation is crucial in order to open up avenues and treat individuals evenly.

The staff at maritime education should have gender sensitivity training.

5. Limiting Factors:

- Gender stereotypes and cultural barriers were identified as the most significant limiting factors.

- Awareness campaigns targeting both men and women within the industry are necessary.

6. Recruitment Encouragement:

- Most respondents agreed that maritime companies actively encourage female participation at the recruitment stage.

- While recruitment efforts are perceived as positive, retention and career progression remain critical areas for improvement.

- Companies should focus on building inclusive onboard cultures.

7. Mentorship and Networking:

Perceptions of the quality of mentorship and networking were mixed, with many believing they are sufficient, but others perceiving they are not used appropriately.

Non-utilization of available mentorship programs may be a result of time constraints or poor promotion of the programs.

Organized, accessible, and effective mentorship programs must be implemented.

8. Harassment and Discrimination:

- A significant number of respondents reported experiencing or knowing someone who experienced harassment or discrimination.

- Companies need to implement zero-tolerance policies and ensure effective reporting mechanisms.

6.4 Summary of Key Findings:

- However, there is a clear perception of progress in recruiting women, but the retention and career development problem is enormous.

- Women's perceived gender disadvantage and cultural bias are the main obstacles to full employment in the maritime industry.

- Furthermore a supportive personal and professional environment is critical in promoting women in this sector.

- We will also need systemic changes, including better training and mentoring, and better workplace policies, if we are to achieve truly inclusive environments..

7. Recommendations:

1. Initiatives that Apply Across the Industry:

Creation and implementation of mandatory gender sensitivity training for all maritime personnel.

Clear and effective policies addressing harassment and discrimination, with reporting procedures in place that can address individuals' specific needs.

Encouragement and participation in mentorship programs specifically designed for women.

Industry-wide initiatives to counter established gender stereotypes, and positive representation of women in maritime.

Clear procedures for how to respond to harassment and discrimination situations.

2. Company-focused Actions:

Continue to audit recruitment, promotion, and retention practices for gender bias.

Facilitate work-life balance with flexible work arrangements and support.

Skill-based evaluations, particularly for female officers, should be reassessed by a senior women officer in every organization.

Personal Protective Equipment (PPE): Ensure that PPE is designed and available in sizes and styles that accommodate women should be provided.

Organize events, conferences, or workshops dedicated to women in the maritime industry. These events should address challenges, opportunities, and innovations related to gender inclusion.

8. CONCLUSION

India, like many other countries, still regards the shipping industry as a male-dominated one. It has made improvements towards gender diversity, but there continue to be challenges such as discrimination, workplace bullying, and minimal career advancement opportunities for women. This study identifies the need for systemic change through policy and institutional frameworks, as well as sensitivity training at both the corporate and sectoral levels. Women in maritime institutions often report poor levels of safety, representation, and work-life balance, which indicates that the institutions are still struggling with inclusivity. On the other hand, greater engagement of female mentors, more women in leadership positions, and comprehensive anti-harassment measures will improve the situation. Adopting these measures would foster a maritime industry where women are genuinely included as participants with dignity and equal possibilities of success. Change is needed, and the industry and educational institutions, alongside policy makers, must work together to eliminate prevailing biases so that women are able to pursue fulfilling career opportunities in the shipping sector.

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