

FACTORS CONTRIBUTING TO THE RETURN AND SUCCESS OF INDIAN HIGH-TECH TALENT: A COMPREHENSIVE SURVEY STUDY

Dr. G. Venkata Krishna Reddy* &

Dr. S. Sai Satyanarayana Reddy**

* Professor in CE, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad, Telangana

** Professor in CSE, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad, Telangana

Cite This Article: Dr. G. Venkata Krishna Reddy & Dr. S. Sai Satyanarayana Reddy, "Factors Contributing to the Return and Success of Indian High-Tech Talent: A Comprehensive Survey Study", Indo American Journal of Multidisciplinary Research and Review, Volume 7, Issue 1, Page Number 57-60, 2023.

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Abstract:

This research paper presents the results of a comprehensive survey aimed at investigating the factors that contribute to the return and success of Indian high-tech talent back to India. The study examines the motivations behind the migration of Indian professionals to foreign countries, the reasons that prompt their decision to return, their experiences after moving back to India, and the expectations that would encourage their return. The survey data provides valuable insights into the dynamics of this migration and offers implications for policymakers, organizations, and stakeholders seeking to attract and retain high-tech talent in India.

Key Words: Indian High-Tech Talent, Migration, Return, Success, Survey Study, Factors, Demographics, Motivations, Experiences, Expectations, Push-Pull Factors.

Introduction:

The globalization of the high-tech industry has led to the migration of skilled professionals from India to foreign countries in search of better educational and employment opportunities. However, recent trends indicate a growing interest among Indian high-tech professionals to return to their home country. Understanding the factors that drive this reverse migration is crucial for policymakers and organizations aiming to harness the potential of this talent pool. This research paper aims to address this knowledge gap by providing an in-depth analysis of the factors influencing the return and success of Indian high-tech talent.

Methodology:

A survey was conducted among Indian professionals who had migrated to foreign countries for education or employment purposes. The survey questionnaire was designed to capture information related to demographics, reasons for migrating abroad, reasons for returning to India, experiences after moving back, and expectations that would encourage a return to India. The collected data were analyzed using descriptive statistics to identify trends and patterns. The methodology described focuses on surveying Indian professionals who migrated to foreign countries and capturing their perspectives on reasons for migrating abroad, reasons for returning to India, experiences after moving back, and expectations for encouraging a return to India. The collected data would be analyzed using descriptive statistics to identify trends and patterns. This methodology provides valuable insights into the factors influencing the return of Indian high-tech talent. However, it's important to note that the methodology outlined is only one aspect of the comprehensive survey study. To enhance the study's rigor and provide a comprehensive understanding, additional elements can be incorporated. Here is an expanded version of the methodology, including the survey research design, sampling approach, data collection methods, and analysis techniques:

Sampling Approach:

A combination of convenience and snowball sampling techniques will be used to reach Indian professionals who have migrated to foreign countries for education or employment. The sampling frame may include professionals from various industries such as information technology, engineering, research and development, and entrepreneurship.

Survey Questionnaire:

The survey questionnaire will be designed to capture relevant information, including:

- Demographic details: age, gender, educational background, professional experience, etc.
- Reasons for migrating abroad: career opportunities, higher education, better quality of life, etc.
- Reasons for returning to India: career prospects, family and social ties, personal aspirations, etc.
- Experiences after moving back: professional growth, work-life balance, cultural adjustments, etc.
- Expectations for encouraging a return to India: government initiatives, infrastructure development, research opportunities, etc.

Data Collection:

The survey will be administered electronically using an online survey platform. Potential respondents will be contacted through professional networks, social media groups, and professional

organizations. To ensure a diverse representation, efforts will be made to reach professionals across different countries of residence and various professional backgrounds.

Data Analysis:

The collected data will be analyzed using descriptive statistics to identify trends, patterns, and frequencies. This analysis will provide an overview of the factors influencing the return of Indian high-tech talent, including the main reasons for migration, the primary drivers for returning to India, and the expectations that would encourage a return. Subgroup analyses based on demographics and professional characteristics may also be performed to explore any variations in responses.

Limitations:

It is important to acknowledge potential limitations of the study, such as self-report bias, limited generalizability due to non-random sampling, and the reliance on respondents' perceptions and subjective experiences. These limitations should be considered when interpreting the findings. By employing this expanded methodology, the study can provide a more comprehensive understanding of the factors contributing to the return and success of Indian high-tech talent, incorporating both quantitative data analysis and capturing qualitative insights.

Implications:

The implications of this study are significant for various stakeholders, including policymakers, organizations, and individuals. Policymakers can utilize the findings to develop targeted initiatives that attract and retain high-tech talent in India. Organizations can leverage the insights to create a work environment that aligns with the preferences and expectations of Indian high-tech professionals. Individuals, both residing in India and abroad, can gain a better understanding of the factors contributing to success in the Indian high-tech industry.

For policymakers: The findings of this study can inform policymakers in developing targeted policies and initiatives to attract and retain high-tech talent in India. By understanding the factors that influence the return and success of Indian high-tech professionals, policymakers can design programs that address their specific needs and aspirations. This can include measures such as providing incentives for research and development, improving infrastructure, fostering innovation ecosystems, and enhancing the ease of doing business.

For organizations: The study's results can assist organizations in creating an environment that aligns with the preferences and expectations of Indian high-tech professionals. Organizations can tailor their recruitment, retention, and talent management strategies to attract and retain top talent. This can involve offering competitive career prospects, fostering a positive work culture, providing work-life balance initiatives, promoting diversity and inclusion, and fostering professional networks and mentorship opportunities.

For individuals: Both Indian high-tech professionals residing in India and those living abroad can benefit from the findings of this study. It can help individuals make informed decisions regarding their career paths, including whether to return to India or explore opportunities overseas. Understanding the factors that contribute to success in the Indian high-tech industry can guide individuals in shaping their professional development plans and identifying avenues for growth and advancement.

For the Indian high-tech industry: The study's outcomes can contribute to the overall growth and development of the Indian high-tech industry. By identifying the factors that attract and retain talent, the industry can create an ecosystem that fosters innovation, entrepreneurship, and collaboration. This can lead to increased competitiveness, technological advancements, and a thriving high-tech sector in India.

Results and Discussion:

The analysis of survey responses revealed several key findings. In terms of demographics, the majority of respondents were male, and a significant proportion belonged to the age group of 30-39. Engineering emerged as the predominant field of education, with a considerable number of respondents holding master's or doctoral degrees obtained in their host countries. The respondents were mainly from countries such as the USA, UK, Sweden, and the Middle East.

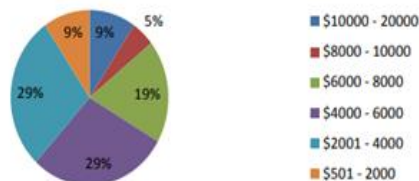
The reasons for migrating to foreign countries were diverse, including factors such as a lack of educational and research facilities, higher salaries abroad, better living standards, and improved professional work environments. The importance of family ties and the desire to provide cultural exposure to children were prominent reasons for the respondents' decision to return to India. Patriotism and the belief that their skills could benefit their home country also played significant roles in motivating their return. Furthermore, better career opportunities and the completion of temporary visits influenced their decision to move back.

Regarding experiences and intentions after moving back to India, a substantial number of respondents were employed in the IT, education, and research sectors. While some expressed intentions to return to the host country, factors such as better environments for children and work opportunities emerged as potential reasons for staying in India. Moreover, a significant proportion of respondents expressed interest in starting their own businesses, indicating entrepreneurial aspirations among Indian high-tech talent.

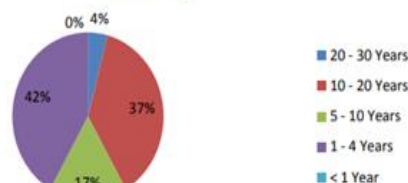
The expectations and factors that would encourage the return of Indian high-tech talent highlighted the importance of family ties, protection of ancestral properties, and ease of doing business, a favourable tax regime, and intellectual property protection. A stable political environment, trustworthy

legal systems, basic facilities, and equal educational opportunities for children with overseas citizenship status were also identified as crucial factors.

Monthly income in the Host Country Before Returning



Years Worked/Studied in the Host Country



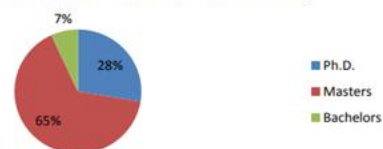
Gender



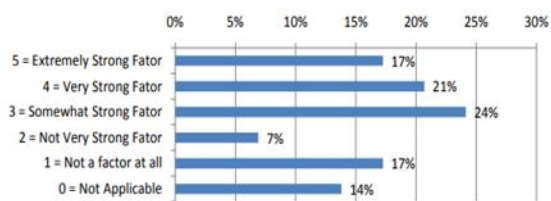
Field of Education



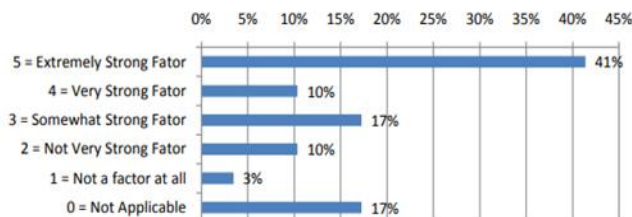
Academic Qualification in Host Country



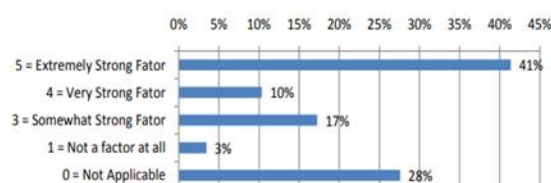
Lack of Educational Facilities



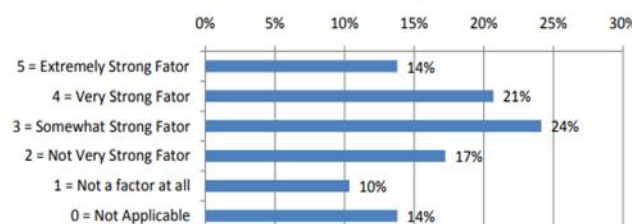
Salary Abroad was much Higher than at Home



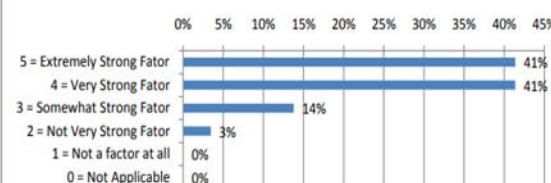
Home Country Salary cannot matched with Abroad



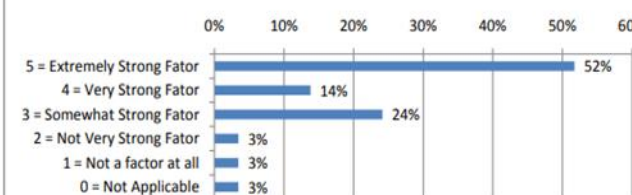
Lack of Research Facilities



Better Professional Work Environment Abroad



Better Living Standards Abroad



Conclusion:

This survey study aims to contribute to the existing body of knowledge by comprehensively analysing the factors that contribute to the return and success of Indian high-tech talent. By understanding these factors, stakeholders can work towards creating an ecosystem that encourages the return and fosters the success of Indian high-tech professionals. The findings of this study will provide valuable insights into the determinants of success in the Indian high-tech industry, ultimately leading to

sustainable economic development. The findings of this research paper provide valuable insights into the factors influencing the return and success of Indian high-tech talent. Policymakers can utilize these insights to develop strategies that address the concerns and aspirations of this talent pool, thereby fostering an environment conducive to their return and ensuring their contribution to India's technological advancement and economic growth. Organizations can also leverage this knowledge to design initiatives that attract and retain high-tech professionals. Further research is warranted to delve deeper into specific aspects of this migration phenomenon and to assess the long-term impacts on India's high-tech sectors.

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