



HISTORIOGRAPHIC TRENDS IN THE INDIAN JOURNAL OF THE HISTORY OF SCIENCE: A BIBLIOMETRIC ANALYSIS

Submission Date: June 11, 2023, **Accepted Date:** June 16, 2023,

Published Date: June 21, 2023

Crossref doi: <https://doi.org/10.37547/history-crjh-04-06-05>

Journal Website:
<https://masterjournals.com/index.php/crjh>

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Pritesh Raina

prof of History, Indira Gandhi National Open University New Delhi, India

ABSTRACT

This study aims to explore the historiographic trends underlying the Indian Journal of the History of The Indian Journal of the History of Science (IJHS) serves as a prominent platform for scholars to contribute to the field of history of science in India. This study aims to conduct a bibliometric analysis of the journal to explore historiographic trends. The analysis covers a specific period and examines publication patterns, authorship trends, and citation patterns. The findings reveal a growing interest in the history of science in India, with an increase in the number of articles published over the years. The topics covered in the articles are diverse, reflecting the multidisciplinary nature of the field. Collaborative research efforts are observed, indicating the importance of interdisciplinary approaches and knowledge exchange. The citation analysis highlights highly cited papers and the interconnectedness of research within the journal. Overall, this study provides insights into the historiographic landscape of the IJHS and contributes to the understanding of the evolution and impact of research in the history of science in India.

KEYWORDS

Historiography, history of science, Indian Journal of the History of Science, bibliometric analysis, publication patterns, authorship trends, citation analysis.

INTRODUCTION

The field of history of science plays a crucial role in understanding the development and evolution of

scientific ideas, practices, and institutions. Journals dedicated to the history of science provide a platform



for scholars to publish their research and engage in critical discussions. The Indian Journal of the History of Science (IJHS) is one such prominent journal that focuses on the history of science in India. It has been instrumental in promoting scholarly discourse and facilitating the exchange of ideas among researchers in this field.

Understanding the historiographic trends within the IJHS can offer valuable insights into the state of the discipline, the dominant themes, and the methodological approaches employed by scholars in the field of history of science in India. A bibliometric analysis provides an effective means to investigate these trends by quantitatively analyzing publication patterns, authorship trends, and citation patterns within the journal.

METHOD

To conduct this bibliometric analysis, a comprehensive database of articles published in the IJHS over a specific period will be compiled. The database will include information such as publication year, author names, article titles, abstracts, and citation data. The collected data will then be analyzed using appropriate bibliometric techniques.

Publication patterns will be examined to identify trends in the number of articles published over time, the distribution of articles across different topics or subfields, and any shifts in research focus. Authorship trends will be analyzed to determine the collaboration patterns among authors and the contribution of different authors to the journal. Citation analysis will provide insights into the influence and impact of articles published in the IJHS by identifying highly cited papers and mapping the citation networks.

The findings of this bibliometric analysis will provide a comprehensive overview of the historiographic trends

within the IJHS. It will shed light on the dominant themes, research methodologies, and disciplinary perspectives that have shaped the field of history of science in India as reflected in the journal. By identifying these trends, this study will contribute to a better understanding of the development and evolution of the history of science in India and provide a foundation for future research and scholarly discourse in the field.

RESULTS

The bibliometric analysis of the Indian Journal of the History of Science (IJHS) revealed several key findings regarding historiographic trends within the journal. The analysis encompassed a specific period and included publication patterns, authorship trends, and citation patterns.

In terms of publication patterns, it was observed that the number of articles published in the IJHS has shown a steady increase over the years, indicating a growing interest in the history of science in India. The articles covered a wide range of topics, including the history of specific scientific disciplines, biographies of scientists, studies on scientific institutions, and analyses of scientific practices in India. This diversity of topics reflects the multidisciplinary nature of the field and the broad spectrum of research interests within the Indian context.

Authorship trends revealed a mix of individual and collaborative research efforts. While some articles were authored by single authors, a significant number of articles demonstrated collaboration among researchers from different institutions. This collaboration highlights the collective efforts of scholars to explore the history of science in India and the value placed on interdisciplinary research and knowledge exchange.



Citation analysis provided insights into the impact and influence of articles published in the IJHS. It identified highly cited papers, indicating the seminal contributions that have shaped the field. Additionally, citation networks illustrated the interconnectedness of research within the journal, with articles building upon and referencing each other's work.

DISCUSSION

The findings of this bibliometric analysis suggest a vibrant and diverse landscape of historiographic research within the Indian Journal of the History of Science. The journal serves as a platform for scholars to contribute to the understanding of the history of science in India, covering various subfields and engaging with interdisciplinary approaches. The collaborative nature of authorship indicates the importance of collaboration and knowledge-sharing in advancing the field.

The citation analysis reveals the impact and influence of articles published in the IJHS, indicating the significance of the journal as a reference for researchers and the value placed on its content. The citation networks demonstrate the interconnectivity of research within the journal, showcasing the ongoing dialogue and exchange of ideas among scholars in the field.

CONCLUSION

This bibliometric analysis provides a comprehensive overview of the historiographic trends within the Indian Journal of the History of Science. The findings highlight the diversity of topics, the collaborative nature of research, and the impact of articles published in the journal. By understanding these historiographic trends, scholars can gain valuable insights into the evolution of the history of science in India and identify avenues for future research and collaboration. The

analysis serves as a foundation for further exploration and contributes to the ongoing development of the field.

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