

DETAILED REPORT

Workshop on Bibliometric Analysis

Date: April 10, 2025

Venue: Conference Room

Time: 9:00 AM onwards

Introduction

Gian Jyoti Institute of Management and Technology (GJIMT) organized a Workshop on Bibliometric Analysis on April 10, 2025. The objective of this workshop was to provide participants with the knowledge and tools required to effectively analyze research trends, assess scientific impact, and utilize bibliometric tools to gain valuable insights into academic publications.

Resource Person

The workshop was conducted by Dr. Tejinderpal Singh, Associate Professor at the University Business School (UBS), Panjab University. Dr. Singh is an expert in bibliometric analysis and has extensive experience in research methodologies and data analysis techniques. His expertise in the field made him a valuable resource for the session, providing participants with a practical understanding of bibliometric techniques.

Objectives of the Workshop

The workshop aimed to:

- Introduce participants to bibliometric analysis and its relevance in academic research.
- Equip participants with the knowledge to use bibliometric tools to assess the impact of scientific publications and research trends.
- Demonstrate techniques for analyzing citation data, author productivity, journal rankings, and research collaborations.
- Enhance participants' skills in research evaluation and help them make informed decisions regarding their academic work.

Sessions and Activities

The workshop commenced at 9:00 AM with an introductory session by Dr. Tejinderpal Singh, who explained the importance of bibliometric analysis in evaluating research output, discovering emerging research trends, and understanding scientific impact.

Dr. Singh provided a detailed overview of the following key areas during the workshop:

- **Introduction to Bibliometric Analysis:** The session began with an introduction to bibliometrics, covering its definition, objectives, and the types of data typically analyzed, including citation counts, publication volumes, and collaboration patterns.

- **Bibliometric Tools and Techniques:** Dr. Singh introduced several popular bibliometric tools, such as **VOSviewer** and **BibExcel**, and demonstrated how to use them for mapping research fields, visualizing citation networks, and identifying influential publications.
- **Citation Analysis:** The workshop covered citation analysis methods used to assess the academic impact of articles, authors, and journals. Dr. Singh explained how citation counts and indices like the **H-index** can provide insights into the reach and influence of scholarly work.
- **Author and Journal Impact:** The session also focused on evaluating author productivity, journal rankings, and the impact factor. Dr. Singh discussed how bibliometric data can be used to identify leading authors in a field and top-ranking journals.
- **Practical Application of Bibliometric Tools:** Dr. Singh provided participants with hands-on experience in using bibliometric software to analyze real-world data and interpret bibliometric indicators. This segment allowed participants to practice applying the techniques to their own research areas.

The session concluded with a Q&A session, where Dr. Singh addressed the queries of the participants and provided additional insights into the practical applications of bibliometric analysis in their respective research fields.

Attendance

The workshop was attended by 27 students. The participants actively engaged in the session, posing insightful questions and contributing to discussions. Their enthusiasm and participation reflected a strong interest in the subject matter and a desire to enhance their research evaluation skills.

Conclusion

The Workshop on Bibliometric Analysis was successfully conducted on April 10, 2025, with the valuable guidance of Dr. Tejinderpal Singh. The session provided participants with a comprehensive understanding of bibliometric tools and techniques for analyzing research trends and assessing scientific impact. The workshop was beneficial for researchers, academicians, and scholars looking to enhance their research evaluation capabilities and make informed decisions based on bibliometric data.

The workshop concluded with positive feedback from the participants, who appreciated Dr. Singh's in-depth knowledge and practical demonstrations. This event has equipped the students with essential skills in bibliometric analysis, which will aid them in their future academic and research endeavors.