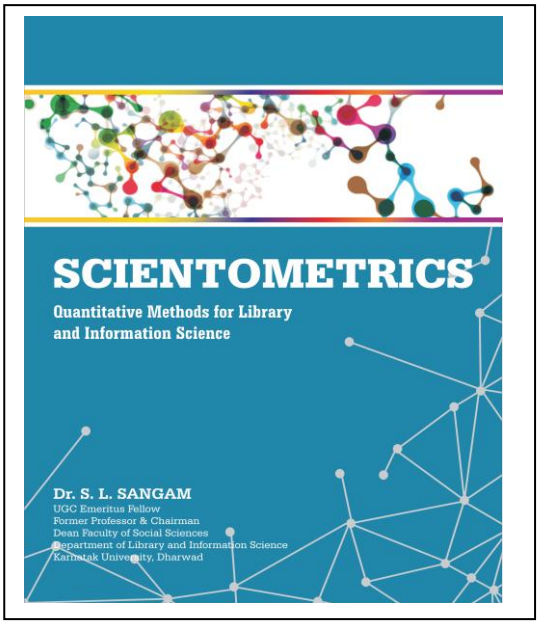
LIBRARY & INFORMATION SCIENCE BOOKS

Reviewed by ***Dr.B.S.Biradar, Professor, Dept. of Library and Information Science, Kuvempu University, Jnanasahyadri Shimoga***

BOOK REVIEW



- Title: Scientometrics: Quantitative Methods for Library and Information Science
- Author: Dr.S.L.Sangam.
- Publisher: Content Craft Publisher. Bangalore,India
- 2015.xi, 254 pages.
- ISBN 9788191009927

The book under review is a commendable addition to the professional literature in English in Library and Information Science written by

Prof.S.L.Sangam (UGC Emeritus Fellow, Department of Library and Information Science, Karnatak University, Dharwad) for the benefit of students, teachers, research scholars and Information scientists. After incorporating the "Scientometrics and Informetrics" paper in the syllabus, there has been felt need for suitable and

Comprehensive book in the subject which can covers the theoretical and practical aspects of the subject. In the present book author has tried to touch all the important aspects of the subject on Scientometrics and Informetrics. The chapterization of the book is systematically designed where in one can see the undisturbed flow of ideas with high degree of connection. The author used tables, charts, illustrations wherever necessary for proper understanding of the subject.

The book is in 14 chapters. The first chapter deals with the Development of quantitative methods in Library and Information science, introduces the theoretical concepts of Librametrics to Webometrics. Chapter two covers 'Citation Analysis' in broader perspectives which provide a connection between two documents, one which cites and the other which is cited and reasons for giving citations with examples. Chapter Three devoted to Bibliometrics Laws which are backbone to the Bibliometrics study, which deals with step by step calculation of graphical as well as statistical application of the law. Chapter four describes the Modeling the Growth of Literature and discusses the the various models viz.Exponential Model,Logistics Model,Power Model,Polynomial Model etc. with figures and practical application . Chapter five deals Pattern of Authorship and Collaboration Research with solved examples of measuring collaboration. Chapter six gives Obsolescence of Literature its meaning, types, practically measuring the obsolescence factors with semi log graphs. Chapter seven gives individual visibility of Impact Factor of Journals. Chapter eight describes the calculating methods of H-index and other indexes. Chapter nine gives the procedure and criteria for Ranking of universities and institutions. Chapter ten consist of Scientometric portraits, measuring of individual scientists' life and work with examples .Chapter

eleven deals with Bibliometrics in assessing scientific productivity and impact of research. Chapter twelve gives mapping of social science literature. Chapter thirteen gives important software/tools for Scientometrics analysis. Chapter fourteen includes useful Data sources for Scientometrics study.The book has been written keeping in mind the students, teachers and researchers to given an understanding how to use/apply statistical models. So appropriate practical solved examples; have been provided for each study, with additional sources of supplementary reading. The unique feature of this book is along with the theoretical aspects of scientometrics, actual procedures, steps and calculating methods of data are presented with concrete examples. I sincerely feel that the book can be used not only as a textbook for the P.G. students and Research scholars in Library and Information Science, some other disciplines can draw valuable insights from it for their courses. Further I also feel that because of its richness and simple solved examples will be a good reference book for librarians, researchers and scientometrians. Only a very keen enthusiast and bright professional can produce such an effective writing.