Research Productivity of Faculty Members in Urumu Dhanalakshmi College: A Scientometric Study

S. Jeyachitra¹, J. Santhi², K. Rajaram³ *
¹Librarian, Urumu Dhanalakshmi College, Tiruchirappalli, Tamil Nadu, India
²Librarian, ArumugamPillai Seethai Ammal College, Tiruppathur, Tamil Nadu, India
³Librarian, K.S. Rangasamy Institute of Technology, Namakkal, Tamil Nadu, India

Abstract

The bibliometric and scientometric studies are frequently used to assess research publications and to generate information that could be used by policy makers and experts. This study has proven to be a useful tool in the assessment of research publication of faculty. Taking into account the Scientist’s participation in scientific collaboration, publication and productivity pattern have been calculated. The present study aims to analyze the research productivity of faculty in the Urumu Dhanalakshmi College, Trichy, India from 1994 to 2016 indexed by Google Scholar. The study has examined 106 publications during the study period. The aim of this study was to provide a profile of our college. This analysis also found the year-wise distribution of publication, most prolific author, journal-wise distribution and gender-wise distribution of authors.

Keywords: Bibliometrics, scientometrics, collaboration

*Author for Correspondence E-mail: jairajaram6@gmail.com

INTRODUCTION

In academic and scientific work, publication is the chief means of communicating research, a primary means of recognition and reward and hence a central social process in the Institutions. Therefore, it is through publication the scientists receive professional recognition and esteem as well as promotion, advancement and funding for future research. Publication is so central to productivity in research that the work becomes ‘a work’ only when it takes a conventional, physical (that is published) form, which can be received, assessed and acknowledged by the scientific community. Hence publication is a social norm in a public sense and serves as a tool for the betterment of the individuals. After publication only, it can be called as research and can be fixed or judged and acknowledged by the scientists in the society. It could be seen clearly from this study discussion that bibliometric analysis is an important tool in analyzing any discipline. By keeping this view in mind, this study intends to undertake the study on research publications of faculty members in the Urumu Dhanalakshmi College, Trichy, India [1].

OBJECTIVES OF THE STUDY

The main objectives were framed to find out the:

1. Year-wise distribution of publications;
2. Gender-wise distribution of faculty members;
3. Ranking of authors based on publications;
4. Productivity of authors based on Lokta’s law;
5. Journal-wise distribution of publications;
6. Institution-wise collaboration research.

METHODOLOGY

The main objective of the study was to make an assessment; in quantitative terms with respect to the publications from the Urumu Dhanalakshmi College, Trichy, India during the period 1994–2016. Google Scholar was used as the main source of data. A total of 106 publications formed the basic data for this study. All the bibliographic details of publications were transferred to spreadsheet application. After validation, the bibliographic data were analyzed as per the requirement of the researcher.

YEAR-WISE DISTRIBUTION OF PUBLICATIONS

Year-wise distribution of publications is an important indicator of publication productivity of an institution. Table 1 clearly indicates the year-wise distribution of publications during the study period 1994–2016. The year-wise