

Publication Pattern and Citation Analysis of the University of Madras: A Performance Analysis

Perumal A. and Chandrakumar, V.

alaperumal@gmail.com

Abstract

The aim of this paper is to analysis the publication pattern and citations analysis of publications of the faculty / researchers of the University of Madras.

The objectives of study are: (i) to quantify the publications of the faculty / researchers for the select period; (ii) to identify the prolific authors among the authors; (iii) to study the authorship pattern ; (iv) to examine the collaboration pattern ; (vi) to study the citation pattern ; and (v) to study the preferred sources for publications and their impact factors.

To achieve the objectives of the study, the methodology adopted in this study were: (i) *Web of Science* citation databases was used to gather data for the period 2012-2015; (ii) The publication details and citations counts gathered from the Sources have been used to analysis; and (iii) *Microsoft Excel, Bibexcel, Pajek* were used to analysis the data in relation to achieve the objectives.

The prolific authors of the University of Madras during the study period were arrived. The authors' h-index, collaboration pattern and citation pattern were studied and its results were recorded in the form of tables, charts and graphic manner. The outcome of this study may be useful to evaluate the faculty / researchers, University, and overall the country / region. And also it will help to policy-makers to take appropriate policy decisions in research activities.

Keywords: *Bibliometrics, Publication pattern, Citation analysis, University of Madras, Mapping of Publications*