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Presented/Participated/Attended a paper titled **Altmetrics: A new way of Assessing Research Impact Beyond Citations**

## at **National Conference** on

# "Changing Digital Landscape in SMART Environment"

## (NCCDLSE-2018)

on February 8 - 9, 2018, In Collaboration with United Nations Information Center for India & Bhutan, at Library Resource Centre, Ansal University, Gurugram, Haryana

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# Changing Digital Landscape in

# SMART Environment



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# Altmetrics: A New Way of Assessing Research Impact Beyond Citations

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## ABSTRACT

*This paper discussed the importance of altmetrics in the field of Library and Information Science. The inception of altmetrics is taken as a measure and its application as well as its impact in the field is presented. Further, the paper also discusses the limitations of the citation based metrics and how altmetrics overcomes it. Finally, how altmetrics helps the Library and Information Science professionals to take strategic decisions and in what way it can be made use by the library professionals.*

**Keywords:** Altmetrics, Citation, Research impact.

## ■ INTRODUCTION

The academic community is under increasing pressure to demonstrate the impact of its research outputs, such as: journals, books, conference proceedings and other research platforms. Usually, these research findings would either be beneficial to the specific target group or to the society as a whole; hence those researches which created an impact to the society, urges the need about how one measures research impact [1]pressing to ask the question of how one measures the impact created by different areas of academic research. Measuring the societal, cultural, economic and scientific impact of research is currently the priority of the National Science Foundation, European Commission and several research funding agencies. The recently concluded United Kingdom's national research quality exercise, the Research Excellence Framework (REF. Currently, the impact of research is measured based on citation counts, h-index and I-index [2] where a publication with higher citation has influenced other succession researches [3]. Most common way to measure research impact through citation analysis are: bibliometric and scientometric methods [4]. Bibliometrics analyzes the quantitative aspect of publication pattern of research based on mathematical and statistical calculation [5]. Sengupta (2009) describes scientometrics as an "organization, classification and quantitative evaluation of publication patterns of all macro and micro communications along with their authorship by mathematical and statistical calculus" [5] . These methods usually analyze the impact of research at three levels: individual, research team or group, institution and contribution of journal [6]. Originality and uniqueness should determine the quality of research not publication counts and impact factor [2]. The restrictions of these citation based metrics has not permitted them to become a absolute single tool for assessing research quality [7]; hence, measuring research visibility and impact has to go afar from citation based metrics; as a result altmetric came a solution for this limitation where it measures the visibly of research based on its attentions on online platforms [8]. The main aim of this paper is discuss the role of altmetrics in the field of library and information science.