

## AN ANALYSIS ON THE RESEARCH OUTPUT IN THE FIELD OF PHYSICAL CHEMISTRY IN THE UNIVERSITIES HOLDING UPE (UNIVERSITIES WITH POTENTIAL FOR EXCELLENCE) STATUS

GOURI N. GOURIKEREMATH<sup>1</sup>, B. D. KUMBAR<sup>2</sup> & GURURAJ S. HADAGALI<sup>3</sup>

<sup>1</sup>Research Scholar, Department of Library and Information Science, Karnataka University, Dharwad, Karnataka, India

<sup>2</sup>Professor, Department of Library and Information Science, Karnataka University, Dharwad, Karnataka, India

<sup>3</sup>Assistant Professor, Department of Library and Information Science, Karnataka University, Dharwad, Karnataka, India

### ABSTRACT

*The present study analyzes the research output in the field of Physical Chemistry by the faculties of 6 Universities selected under UPE (Universities with Potential for excellence) status in the 11<sup>th</sup> plan of UGC (University Grant Commission) in India. The data used for the study was retrieved from ISI Web of Science database- Science Citation Index Expanded (SCIE) for the period 2001-2012. The output of Physical Chemistry literature has been analyzed by year, document type, authorship pattern and collaboration pattern at different levels viz. international, national and local. Results of the study reveal that: i) the physical chemistry literature has grown steadily during the study period except for 2001 and 2003; ii) articles play a predominant source of publication of physical chemistry literature; iii) the physical chemistry research in UPE selected universities of India is fairly collaborative.*

**KEYWORDS:** *Scientometrics, UPE Status, Citation Impact, Collaboration, Authorship Pattern*

**Received:** Apr 21, 2016; **Accepted:** Apr 25, 2016; **Published:** Apr 30, 2016; **Paper Id.:** IJLSRAPR20163