

# **Second National Conference on Scientometrics & Knowledge Management: A Report**

(20<sup>th</sup> & 21<sup>st</sup> April 2013)

The Second National Conference on Scientometrics and Knowledge Management was organised on 20th - 21st April 2013 by Prof S.S. Basavanal Library, Karnatak University in association with Institute of Scientometrics & Prof. S. L. Sangam Felicitation Committee. There were 250 participants and 35 papers were presented in five sessions of the conference. Dr. P.V. Konnur, Professor and Chairman, School of Applied Sciences, Department of Library & Information Science, Rani Channamma University, Belgaum was the organising secretary, Dr. Siddamalliah, Librarian NIMHANS, Bangalore was the Director, Dr. S. K. Savanur Mumbai Sr. Faculty Department of Library and Information Science Joshi-Bedekar College, Thane was the Rapporteur General, and Dr. S.B. Patil the University Librarian, Karnatak University Dharwad was the organizing chair of the Conference.

## **Inaugural Session**

Dr S. B. Patil, the University Librarian, Karnatak University and the organizing chair of the Conference, welcomed the gathering. Dr Siddamalliah, the Director of the Conference introduced the theme of the conference.

Dr C. R. Karisiddappa gave an inspiring inaugural address about improving the quality of research through information provision, better writing skills and scientometric indicators.

Dr S. L. Sangam, in his keynote address, gave an overview of a spectrum of various techniques such as Librametrics, Bibliometrics, Scientometrics, Cybermetrics, Webometrics and Netometrics. He emphasized on the various information products of the Institute of Scientific Information (ISI) and several scientific indicators. He also introduced the newborn Institute of Scientometrics, established under his guidance. He outlined the proposed activities of the institution. His address served as a curtain raiser to the formation of the new institute and the conference.

Dr. A.K. Bardol, in his presidential address, told how scientometrics helps in identifying candidates for Bhatnagar Award and Nobel Prizes. He appreciated Dr. Sangam's contribution to the field and stressed that findings of the scientometrics should be put to practical use. He also proposed that there should be more emphases on scientometrics in LIS curriculum. Dr. Biradar proposed a vote of thanks.

## Technical Sessions

There were in all five sessions spread over two days. 35 authors were presented papers. The details of sessions are as follows.

### Technical Session - I

12.00 Noon – 1.15 PM (75 Minutes)

**Session Theme: Bibliometrics, Scientometrics and Authorship Trends in Sciences**

**Chairman: Mr. I.H. Jahagirdar**

**Rapporteur: Dr. Dharani Kumar**

In the first session the following six papers were presented. Most of the studies were applications of scientometrics in some specific subject areas.

The first two papers covered world publication in Rainwater harvesting during 2001–2012. (by Ms H. Adithya Kumari, Hydar Ali and M. Mahadevamurthy) and Aquatic ecology (by Ms P. Asha, Hydar Ali and A. Selvaraja) respectively. While the first covered 370 publications, the second surveyed 323 papers.

There were three papers giving scientometric analysis of doctoral dissertations in Biosciences-1998-2010 (B.S. Biradar, Koteppa Banateppanavar and D. Chandran), Zoology (B.U. Kannappanavar and Koteppa Banateppanavar) and Agricultural chemistry (Dr.Prashant P. Deshmukh and R. R. Dhuldhule). While the first two covered the Doctoral Theses Submitted to Kuvempu University, the third was to the Dr.Panjabrao Deshmukh Krishi Vidhyapeeth, Akola. Theses covered were in the respective specific subjects submitted to the stated universities. While Dr Kannappanavar and Banateppanavar paper identified Bradford's Zones and Productivity of Journals cited in zoology dissertations, the other two carried out conventional bibliometric/citation analysis.

The sixth paper authored by Gavisiddappa Anandhalli, Dr P.G.Tadasad, Neelama Gand Shneha was a bibliometric study of scholarly communication of the *Indian Journal of Pure and Applied Physics* from 2004-2012. The study focused on a single journal and went deep into the subject.

Mrs Sangeeta Mahajan and Daya Dalve presented paper on how citation analysis forms a logical base for collection development.

At the time of discussion, Dr Sangam made a valid observation regarding the PhD dissertation related papers. He said that it is also necessary to note how many of the cited documents are available in that institution. This indicated strength or weakness of the institution's collection.

Mr I. H. Jahagirdar summed up the session with his encouraging observations and remarks.

**Technical Session-II      2.15 PM – 3.30 PM (75 Minutes)**  
**Session Theme: Bibliometrics, Scientometrics and Authorship Trends in LIS**  
**Chairman: Dr. R.B. Gaddagimath      Rapporteur: Dr. Amrit Sherikar**

In the second session six papers were presented. The papers were attempts to look into the activities in LIS through scientometric prism.

Dr. S. L. Sangam presented an overview of Application of Scientometrics in LIS activities. He covered areas like journal selection, collection development and many similar areas where scientometric techniques can be applied.

Dr Kiran Savanur and Gayathri Devi's paper reported the application of Lotka's Law and Authorship Distribution in the area of 'Cloud Computing Research'.

Chikkamanju of University of Mysore presented a paper titled Bibliometric Analysis: A study of *The Electronic Library*. The study was based on Emerald database, had two other co-authors viz., Prof. Mallinath Kumbar and G. Kiran Kumar. It is a bibliometrics analysis of a leading internationally referred journal *The Electronic Library*, now published as bi-monthly, was initially established in 1983 as a quarterly journal. The paper covered authorship, degree of collaboration pattern, category-wise, length-wise, country-wise analysis and keyword-wise publishing trend.

Similarly, *DESIDOC Journal of Library & Information Technology* was subjected to Bibliometric Study by Y L Somashekara and Mahadevaprasad, and the paper was presented by the former.

Dr Kiran Savanur presented a paper co-authored by Tayappa Adin. It was a biobibliometric study of Prof S. L. Sangam. It gave year-wise, domain-wise, national and international collaboration, document type, research productivity analysis of 154 contributions of Dr Sangam.

Sunil K. Jadhav's title 'A Webometric Study on Library and Information Science Literature' was meant to examine the nature and pattern of citations in the present day library literature and to analyze how library and information professionals have made use of web citations in particular. The author has examined two documents in his study. These were, a. National Seminar on 'Library and Information Services in Changing Era.' held at university of Pune, Pune. 22-23 Jan. 2009 and b. *Annals of Library and Information Studies*. Vol.55, 2008. The focus of the study was web citation pattern.

Dr. Ravi Gaddagimath summed up the session with his observation.

**Coffee Break 3.30 PM – 3.45 PM**

**Technical Session - III 3.45 PM – 5.00 PM (75 Minutes)**

**Session Theme: Bibliometrics, Scientometrics & Authors Trends in  
Medical and Social Sciences**

**Chairman: Dr. M.K. Bhandi**

**Rapporteur: Dr. P. Saraswati**

In the third session four authors were physically presented their papers.

Mrs. K S Chudamani's paper provided a scientometric view-point about 'Population Balance' in research publications. The theme covered balancing of maximum access with minimum cost and among various types of journals sources such as primary, secondary and reviews. She also stated that "Scientometrics is science of metrics." This is a novel and noticeable deviation.

The next paper titled 'Citation Analysis of Doctoral Dissertations in Sciences and Social Sciences Departments Accepted by the Bangalore University During 1962-2007: A Bibliometric Study' was authored by S. Rajani and T.A. Mohan. It covered theses in biological, physical and social sciences (Commerce and Management are included.). In all 52,421 citations from 264 dissertations were subjected to document wise ranking, subject-wise and year-wise analysis.

The third paper in the session was a 'Scientometric Portrait of Prof. Ravi Korisettar' by Ms. Soubhagya S. Arali and Dr S. L. Sangam. Professor Ravi Korisettar is a well known professor of History and Archaeology, PG Department of History and archaeology, Karnatak University, Dharwad. His publications were analyzed by the year of publication, domain, collaboration trend, channels of communication used, number of seminars/conferences attended, papers presented, etc.

The result indicates that the temporal variations of Prof. Ravi Korisettar's productivity and the types of publications published by him show that he is a role model for younger generation.

The last paper in the session was a 'Scientometric study of Endosulfan Literature' by Tejashwini B, Prof Mallinath Kumbar, P. Sarsvathy and Naganna N. Endosulfan, a pesticide/insecticide used all over world, has turned out to be a great problem. Direct or indirect consumption of which causes brain damage due its neurotoxic nature. The tragedies in Kerala, Karnataka are of major concern. The present study tries to evaluate the research in global output of Endosulfan literature. A set of 1867 articles were analysed by year of

publication, form, language, author's nationality, subject content, journal title, authorship pattern, citation patterns etc.

Dr M. K. Bhandi, gave the essence of each paper presented in the session with an emphasis on the social significance of the last paper which was related to Endosulfan.

**Technical Session IV    10 am – 11.30 am (90 Minutes)**  
**Session Theme: Knowledge Management**  
**Chairman: Mr Anand Byrappa Rapporteur: Dr B. U. Kannappanavar**

The fourth session was held on the second day of the conference i.e. on 21 April 2013, and four authors were presented papers

The first paper titled 'Knowledge Management in Libraries' by Kanchan Desai and Deepali Desai was an overview of KM with some stress on its use in libraries.

The next paper 'Knowledge Management: What? Why? and Beyond...' by H Rajendra Babu and M Chandrashekara was another good overview. Referring to knowledge organization, he said that it comprises the organization of 30% data, 40% knowledge and 30% gut feelings.

'Exploring the Knowledge Competencies by Librarian's in Digital Environment' written by Dr VM Bankapur and Bharat Alasandi was an attempt to connect the concept of KM with Digital library environment. The paper had many schematic diagrams to illustrate the concept.

A paper titled 'Grid technology to improve the accessibility of digital libraries' was presented by Dr Ramesh R. Naik. Grid technology is applying the resources available on many computers in a network to a single problem at the same time. In this case, it was with reference to the many digital libraries on a network accessed concurrently.

Mr B.D. Khamkar's paper 'Relevance of S.R.Ranganathan's Five Laws of Library Science in the Context of Digital Libraries' was not directly related to the theme. But, it should be remembered that Prof Ranganathan is the man who introduced librametrics. It was a well consolidated version of many accepted ideas stemming from the Five Laws of Library Science.

A paper not listed in the schedule was accepted for last minute presentation. It was a paper by Munesh Kumar titled 'Knowledge mapping in information organization: needs, challenges and role of effective Social Media and Web tools'. The paper tried to touch many

points and as a result, it lacked focus. But, it was a good attempt in combining knowledge mapping with social media and web tools.

Mr Anand Byrappa, performing his duty as the chairman, consolidated and connected themes of relatively unrelated papers in the fourth session.

**Coffee Break      11.30 AM – 11.45 AM**

**Technical Session - V    11.45 AM – 1.00 PM (75 Minutes)**

**Session Theme: Digital and Web based Information Systems**

**Chairman:    Prof. Mallinath Kumbar    Rapporteur: H Rajendra Babu**

In fifth and the last session seven authors were presented papers.

‘Digital Environment: Information service’ by D.N.Sujatha and M.G. Vasanthkumar covered bibliographic services, reference service, information services, current awareness services, document delivery services, audio-visual services, inter-library loan & union catalogue, customer relation, users education etc in digital environment.

Dr S K Savanur spoke on ‘Web Decay’. He discussed issues associated with dead-links and defunct URLs. He also stressed on the ill-effect of dead links in webometric studies. He provided possible solutions to overcome such issues. Dead URLs.com was one predominant site that can provide some help.

‘Best and ICT based Practices in K.B.P. and M.V. P. College Libraries, Islampur’ by Vijay Ganapati Tibile and Balu Dhondiba Khamkar provided introductions to the college libraries. The NAAC publication about best practices were discussed. Quality indicators for colleges such as collection, the extent of use of services, web 2.0, ICT, web OPAC were discussed.

‘Applications of Cloud Computing to Libraries’ by Miss. Shivaranjini S. Mogali and Mr. Vitthal T. Bagalkoti, discussed about cloud and its architecture. Attributes of cloud and various types of clouds, their use in libraries etc are discussed.

‘Library Automation and Networking of Dental College Libraries in Karnataka: A Study’ by Dr Suryakant B.Kemdarne was based on a survey carried out by the authors between September 2010 to February 2011. A structured questionnaire was used as the tool of research. The questionnaire was sent to all the 39 dental college libraries affiliated to Rajiv Gandhi University of Health Sciences, Bangalore. Out of 39 dental college libraries, 35 libraries responded to the questionnaire. This paper was an exhaustive survey.

‘Identification of Information Needs of Library Users: An Overview’, by Ms Rajashree discussed the various aspects of users’ needs and their theoretical base.

Mr. R. D. Khamkar presented a paper titled ‘IPR and Copyrights Issues Involved in the Present Digital Environment’. This was an overview with no specific focus.

Prof. Mallinath Kumbar gave an overview and his observations on these assorted topics.

### **Valedictory Session 1 – 1.30**

Dr. R. M. Vatnal welcomed the audience and introduced the guests. Dr. H. S. Siddamalliah, the Director of the Conference gave a brief report of the conference. He told that 50 papers were received, and were scheduled to be presented in five sessions. However, only 35 authors attended the conference and made their presentation

Dr. S.K.Savanur, the Rapporteur General of the conference, presented the recommendations that triggered during the sessions and their discussions. The recommendations were as follows.

1. Coverage of the study of scientometrics should include international publications cutting across all geographic restrictions.
2. Scientometric studies should be made about the local language works.
3. Scientometrics should find a special place in the curriculum of Library and Information Science. A brief outline of scientometrics should be included in the curriculums of other subjects too.
4. Many experts are skeptical about the results of scientometrics. The criticism should be taken in the right spirit. Research should be carried out to overcome the criticism, innovative methodologies should be evolved to clear the cobwebs. The onus is on us.
5. The Institute of Scientometrics should mobilize experts and develop a special interest group to take up these issues.

It was hoped that such conferences should be held every year.

This was followed by the ‘Valedictory Address’ by Prof. K.R. Durgadas, Registrar (Evaluation), Karnatak University, Dharwad. He told that he is a novice in library and information science, but he emphasized that he is fully aware of the role played by the library in maintaining quality of higher education. Further, Dr Durgadas appreciated the library and LIS Department, in general and Prof. S.L.Sangam in particular for an excellent team-effort in organizing such a conference.

### **Awards and Fellows of Institute of Scientometrics**

1. In order to encourage youngsters, a ‘**Best Paper**’ award was given to Dr.Kiran Savanur and Gayathri Devi for their paper entitled "**Application of Lotka’s Law and Authorship Distribution in the area of ‘Cloud Computing Research’**". He was honoured by the chief guest with Rs.1000/- and certificate a certificate of excellence.
2. Narrating the proposed activities of the Institute of Scientometrics, Dr Sangam announced that a Fellowships have been instituted for meritorious contribution to the field of Scientometrics, Further, he stated that one fellowship is awarded to Dr.Hildrun Kretchmer, Germany, International Scientist in the field of Scientometrics for her lifelong achievement in the field of Scientometrics (Award will be confirmed in the next conference in person.)

Sri V.L. Kalyan, in his presidential address remembered the fond memories of his BLibSc days when Dr Sangam and many others who had gathered in the auditorium, were his classmates. He stressed the importance of meeting friends and retaining contact as an important aspect of conferences. It is only in such interactions that the knowledge sharing, an essential element of knowledge management, takes place.

Dr P.V.Konnur proposed a vote of thanks. Dr Anupama Joshi anchored the programme.

Sandwiched between the two days of the conference and its special technical sessions was a felicitation to Prof . S.L. Sangam organized on 20<sup>th</sup> April 2013 at 5.00 pm.

### **Felicitations to Prof. S.L. Sangam**

**20<sup>th</sup> April 2013 at 5.00 pm**

**Manasollas Auditorium, Karnatak University, Dharwad**

The programme began with an invocation by Ms. Nirmala Chigateri. Dr. P.V. Konnur, the man behind the show, welcomed and introduced the guests. He emphasized about the simple and modest nature of Dr. Sangam. He told that Dr Sangam accepted to be felicitated only on condition that no amount should be collected from anyone for the purpose. Dr Konnur introduced all the personalities on the dais. Dr. Vinayak Bankapur read out the citation to Dr Sangam.

Felicitations to Prof. and Mrs. Sangam was carried out at the hands of Prof. M.I. Savadatti, the chief guest of the evening. Prof Savadatti, in his address remembered two great Gurus in librarianship who have inspired and nurtured the library science professionals

produced by the Karnatak University during the last five decades. He was referring to Prof. K. S. Deshpande and Prof. M. R. Kumbhar. He narrated how these two Rishis built the Karnatak University's library and LIS department and continue to inspire us even today. He also indicated how Dr Sangam also is more or less from the same mould.

Dr. I.R.N. Goudar spoke about the Festschrift Volume titled *New Dimensions in LIS Research*, to be released on the occasion. He told that the document contains articles by 26 Ph.D. students of Dr. Sangam, giving an outline of their research work.

Releasing the Volume Prof. S.P. Hiremath, former Vice Chancellor, appreciated the concept of the felicitation volume. He told that it would be a new form of literature. This was followed by felicitations by well-wishers. Owing to shortage of time, just a few individuals were allowed to talk about Dr Sangam. This brought out the human side of Dr Sangam's personality. It appears, compassion comes naturally to Dr Sangam. It is his real asset.

Dr. Sangam, responding to the felicitation, told that he doesn't feel proud of all these achievements as he strongly feels that all this glory is to the physical body made of the five fundamental elements. He thanked every individual who has made him what he is today. He made special note of Prof Kumbhar, Prof Deshpande, his professional colleagues, friends and others. Dr Sangam's humility was overflowing.

Prof. H. B. Walikar, the Vice Chancellor, Karnatak University was all in praise of Dr Sangam. He told that Dr Sangam is such a soft-mannered person that he has never complained about anyone; he has not talked ill of anyone. However, Prof Walikar was skeptical about the results of Scientometry. As a man from Mathematics background, he said that there are some serious lacunae in the theory of scientometrics. He wished Dr Sangam and his Institute of Scientometry should try to bridge these gaps.

Dr. S.B. Patil, University Librarian, Karnatak University proposed a vote of thanks. Dr. Ravi B. Gaddagimath, Librarian, Gulbarga University anchored the felicitation programme.