International Conference on Knowledge Organisation in Academic Libraries (i-KOAL 2022)

"Digital Transformation: Moving towards Developing Smart Libraries

on 22nd and 23rd April, 2022

Jointly Organized by:

**Tumkur University, Tumukuru, Karnataka, India &
Library Professionals Association(LPA), New Delhi**

CONFERENCE DIRECTOR

Dr. Anand A. Jha

Treasurer, Library Professionals Association

RAPPORTEUR GENERAL

Dr. Ramesha

Professor & Project Director, ICSSR-MRP Dept. of Library and
Information Science, Bangalore University, Bengaluru

OGANISING SECRETARY

Prof. Keshava

Vice-Chancellor (Acting), Dean, Faculty of Science and
Technology Chairman, Department Studies and Research in Library and
Information Science, Tumkur University, Tumakuru

VENUE:

Sir M. Visvesvaraya Auditorium, Tumkur University, Tumakuru

Respected dignitaries on the Dias, the invitees, the delegates of the conference and my dear professional colleagues very good afternoon one and all present here.

We spent todays i.e., on 22nd and 23rd April 2022 with joy and rich knowledge of the delegates who made their scholarly presentations. I have made a sincere effort to consolidate the gist of presentations, deliberations and interactions of **International Conference on Knowledge Organisation in Academic Libraries (i-KOAL 2022)** with a contemporary theme "**Digital Transformation: Moving towards Developing Smart Libraries**". I hope all of you have really relished and enjoyed the two days Conference *Jointly Organized by Dept. of Studies in Library and Information Science, Tumkur University, Tumukuru,* Karnataka, India & Library **Professionals Association, New Delhi**

I extend my sincere thanks to **Prof. Keshava** Vice-Chancellor (Acting), Dean, Faculty of Science and Technology, Chairman, Dept. of Studies and Research in Library and Information Science, Tumkur University, Tumakuru, Prof. B.T. Sampath Kumar, Co-organising Secretary and all the faculty members of the Department and staff members of Tumkur University Library. Prof. K. Shivachithappa, Registrar, Tumkur University & Dr. R. N. Malviya, President, Library Professionals Association, **Mr. Salek Chand, Conference Convener, I-KOAL 2022 &** General Secretary, Library Professionals Association, New Delhi for having invited me as a Rapporteur General for the most *memorable* Conference. It's my duty to thank... Mr. Anand A. Jha, the Director of the Conference for his guidance and help in preparing the conference report.

We sincerely thank the authorities of the Tumkur University for their gracious offer to host i-Koal 2022 International Conference. They have facilitated the delegates from different part of India and abroad to meet in this magnificent building Sir M. Visvesvaraya Auditorium as the conference venue.

PREAMBLE:

The digital transformations are more visible in Indian Economy, society, science and education, culture and politics, and our social, private and business lives are all undergoing a digital transformation especially during last two decades using emerging and innovative ICT, social and mobile technologies. During a short period of time, we have moved from *experimentation* to *implementation.* On the other hand, Transformation of Cities to smart cities mans Transformation is possible by harmonic integration of infrastructure, citizen, and administration. The concept of smart city in Indi is a framework for implementing the vision of advanced and modern urbanization. This vision envisages the achievement of three goals:

- ▶ social equitability,
- ▶ economic viability, and
- ▶ Environmental sustainability.

The digital transformations having the impact on the smart library work through the change of information products and services and the creation and management of *digital and online resources*. The smart libraries need to focus on user or customer centric services and infrastructure facilities. The mind set of LIS professionals need to re-focus for achieving successful digital transformation of libraries. With this background the organizing committee aptly chosen International Conference on the theme i.e., **"Digital Transformation: Moving towards Developing Smart Libraries.** The subject of the conference is very relevant and important as there are persistent deliberations going across the world on what would be the future of the libraries and librarianship, from its contents, from the stand point of knowledge organization and the tools and techniques of providing access to varieties of knowledge resources by the smart libraries to smart users.

The organizers invited papers from a wide spectrum of professionals from the different parts of India and abroad. In fact, the response was overwhelming and encouraging. The conference received over 150 papers and out which the editorial committee selected 136 papers for presentation and deliberation. Total **84** papers are included in the conference proceedings and are published in four volumes. Out of **84** papers **11** papers are written by individual authors, **35** are contributed by **two** authors and **31** are by **three** authors and only **7** articles are by more than **three** authors. This shows the extent of Co-authorship and Collaboration in LIS research activities in the country as well as abroad.

CONFERENCE DELEGATES

With regard to participation, the international conference attracted large number participation from different States of India. There were in all 150 participants. Besides the registered participants, the Organizing committee had invited a large number of distinguished professional experts from different parts of India to share their rich professional knowledge and experiences.

DAY ONE: Friday, 22nd April, 2022:

INAUGURAL CEREMONY:

The grand opening ceremony was marked by the presence of a large strength of LIS fraternity with the rich legacy associated with the Department Studies and Research in Library and Information Science, Tumkur University and the brand of LPA made an auspicious opening for the i-Koal-2022 Conference on **"Digital Transformation: Moving towards Developing Smart Libraries** opened at prestigious venue i.e., Sir M. Visvesvaraya Auditorium, Tumkur University, Tumakuru. Marked by the presence of a large number of delegates from across the India and abroad, in total the conference received an overwhelming response. The inaugural ceremony of the conference began with an invocation rendered by **Mrs.**

Sumana Dasaraju. The auspicious beginning of the international conference was started with the lighting of the ceremonial lamp as symbol of knowledge by the Chief Guest and dignitaries on the dais.

Dr. B.T. Sampath Kumar, Professor, Department Studies and Research in Library and Information Science, Tumkur University, Tumkur and Co-Organizing Secretary of the Conference extended warm welcome to the dignitaries on the dais as well as to the invitees and the delegates of the conference.

Dr. R. N. Malviya, President, Library Professionals Association, New Delhi not only briefed about LPA and also explained the activities and function of LPA for the cause of LIS professional and Librarianship.

Release of Conference Volume:

Prof. Muttayya M. Kognurmath, Director, Basava International Information Centre, Bengaluru released the Conference volumes and gave the inaugural address. Prof. Kognurmath narrated the growth and development of society since from Stone Age society to knowledge society. The emergence of knowledge witnessed the sea change due to technological transmission from palm leaf to palm top. Especially the digital transmission posed lots of challenges as well great opportunities for LIS professionals to showcase all the information products and services to satisfy tech savvy generation by creating smart libraries. Finally Prof. Kognurmath suggested that the LIS professional need to improve upon their professional skills and competencies to manage and provide innovative digital services through smart libraries.

LPA Awards

Library Professionals Association, Delhi one of the premier professional associations of LIS in India has instituted several awards for the human and professional service rendered by the LIS professional in the cause and promotion of different types of Librarianship in India. **Mr. Salek Chand,** General Secretary, Library Professionals Association, New Delhi said that this year LPA had received many nominations for the awards which were shortlisted by the screening committee and conferred the following awards to individuals and institutions.

❖ Best Academic LIS Professional Award – **Prof. Mallinath Kumbar**, Dept. of Library and Information Science, University of Mysore, Mysuru.
❖ Best College Librarian Award – Dr. Kuldip Chand, Deputy Librarian, Rajastan University, Bikaner, Rajastan.
❖ Best School Librarian Award – **Dr. Amita, B. Pormar,** Librarian, Kendriya Vidhyala, Anand, Gujarat
❖ Best Librarian – Public Library award – **Ms. Manjula Kattimani,**

- ❖ Best Librarian – Domain of Health Librarianship – **Ms. Lalita Dheer**, Librarian, PGIMER, Chandigarh
- ❖ Best LPA Co-coordinator Award - **Mr. Nitin Joshi**, Librarian, MIT, Pune
- ❖ Special Award: "Sh. Sukhdev Singh Award" will be given to any Differently Abled LIS professional – **Mr. Nagaraja, H.** Librarian, Govt. First Grade College, Pavagada, Tumkur District.

It worth mention that the Dept. of Studies and Research in Library and Information Science, Tumkur University, Tumakuru is following the tradition of the department to identify and honor the senior most distinguished LIS professionals who have contributed immensely for overall development of LIS education, research and Librarianship. This time the Department is identified and honored **Prof. Mallinath Kumbar**, Dept. of Library and Information Science, University of Mysore, Mysuru.

Prof. K. Shivachithappa, Registrar, Tumkur University, Tumakuru congratulated the faculty members of the Dept. of Studies and Research in Library and Information Science for selected a very suitable topic for the discussion and deliberations. **Prof. Shivachithappa** rightly pointed out that the digital transformation created lot of challenges as well greater opportunities for LIS professionals, therefore they need to adopt the change and cope up with changes. Further he was differentiated the concept of library, academic library and digital library and give 13 points agenda for LIS professionals to embrace the present day situation especially in the digital transformation.

One of the happiest movement of the inauguration ceremony is the office bearers of LPA felicitated Prof. Keshava, the honorable Acting Vice-Chancellor of Tumkur University, Tumakuru also the dynamic Organizing Secretary of i-Koal-2020. All the delegates are expressed their happiness Prof. Keshava is our LIS fraternity and occupied the highest position in the University system.

Presidential Address

Prof. Keshava, the honorable Acting Vice-Chancellor of Tumkur University, Tumakuru in his presidential remarks appreciated and congratulated the activities and professional commitments of LPA and its dedicated team members. Prof. Keshava advised to LIS fraternity that, the professionals need to be innovate, capacity building in adopting suitable ICT enabled technologies in the age of digital transmission. The digital and online resources are coming in an environmental ecosystem. He was dissatisfied with special reference to web accessibility guidelines are not properly understood and not implemented by many libraries to remove the information access barriers especially for the Persons with Disabilities (PWDs). Prof. Keshava concluded his presidential address by saying 'the talk is not enough but act upon is the agenda of the conference.

Dr. Anand Jha, Treasurer, LPA, New Delhi proposed the vote of thanks. **Dr. Rupesh Kumar,** Asst. Professor, Dept. of Library and Information, Tumkur University, Tumakuru was the master of the ceremony.

Technical Sessions:

The first technical session of the International Conference was Chaired by **Prof. Mallinath Kumbar,** Dept. of Library and Information Science, University of Mysore, Mysuru and Co-Chair by **Ms. Vandana Chandere,** Library in-charge, NIV, Pune. **Dr. Mohan T A,** Chief Librarian, Siddaganga Institute of Technology, Tumakuru was the Rapporteur.

Prof. Jean-Charles, Lamirel from University of Strasbourg – **France,** University of Dalian – China LORIA – France delivered the scholarly and intellectual keynote address on the theme **"Central Role of Artificial Intelligence in New Generation of Libraries".** Based on his professional research experience the AI and Machine Learning has strategic role to play in information management and diffusion. AI process will helps text mining as well indexing of more relevant and appropriate information and data from the document. The AI automatically extracts the data and gives summary of the document. Finally Prof. Charles highlighted some of the problems associated while using of AI and ML for information identification, search and retrieval but also gave solutions how to overcome them.

Only one out of seven papers was presented in the first technical session by the respective authors. The paper mainly focused on marketing of library products and services as a case study of college library.

Technical Session Two:

The second technical session was commenced after the Lunch Break Chaired by Dr. Shishir Mandalia, University Librarian SPU, Anand, Gujarat and the Co-chair was Prof. M Doraswamy Dravidian University, Kuppam. Ms. Gunjan Jain, ILI, New Delhi was the Rapporteur.

Before the contributors paper presentation, the information and knowledge based product Presentation was made by Rapid Radio Solutions, Ahmedabad on effective use of RFID technology in libraries.

In this session out of **11** papers scheduled **6** papers were presented. The presented papers are mainly focusing on use of Open access and Open Education Resources, impact of ICT on libraries, need for digital literacy skills, information searching skills, digital library initiatives and the importance of MOOCs.

Technical Session Three:

The third session was stated after the tea break. The Chairman of this session was **Prof. Krishnamurthy C,** Professor, Dept. of Library and

Information Science, Karnatak University, Dharwad and Dr. Sathish Kumar, Technical Office, DRDO, Co-chair and Ms. Mamta Amarpuri Librarian, Darshan Academy, Delhi was Rapportuer. Out of the 11 papers listed for the session **8** were presented by the authors.

The subjects discussed on the themes are Smart libraries, Use of ICT tools, usage of digital repository, Innovative practices in libraries, Metadata for Geographical Indicators, Scientometric study.

After presentation of all the papers, the flour was open of discussion. Delegates raised few questions as well as seek the clarifications and the presenters of the papers answered the queries.

DAY TWO: SATURDAY, 23rd April, 2022

Technical Session Four:

The technical sessions were commenced on the Second day of the conference. Session-wise detailed Report is presented here.

Fourth technical session was started on the second day of the International conference. This session was chaired by Lalita Dheer, Librarian, PGIMER, Chandigarh and Co-chair, Dr. Sathish Kumar H T, Technical Officer, DRDO, Gwalior and Mr. H P Pandey, Librarian, LHMC, New Delhi was the Rapporteur.

In this session out of 10 papers, **six** papers were presented by the respective authors. The papers mainly constituted on Artificial intelligence, Virtual reality, open access resources, User studies, Knowledge Management, Emerging trends and technologies, Library services through phonic applications, Prevention of Plagiarism.
After presentation of all the papers, the flour was open of discussion. Delegates raised few questions as well as seek the clarifications and the presenters of the papers answered the queries.

The fifth technical session was Chaired by Dr. M. Vijayakumar, University Librarian, Pondicherry University, Puducherry and Co-Chair Dr. D D Lal, Head, Library, NBRC, Gurugam and Dr. Seema B. Gokhle, Librarian, BACL, Mumbai was the Rapporteur for the session. In this session 11 papers were listed out of which 8 papers are presented by the learned authors. The papers were mainly concentrated on Plagiarism software, IPR and Copyright literacy, Altmetric analysis, ISB, Publishing Ethics, Block chain technology, use of e-resources.

the interaction was very lively and the questions were aptly answered by the authors.

The paper on "Mobile alerting services" invited many appreciations and it received a very good response from the audience.

The technical session six was Chaired by Dr. Atul Bhatt, Associate Professor, Gujarat University, Ahmedabad and Dr. Nagappa Bakkannanavar , Head, IRC, Tata Consultancy Services , Bengaluru and Dr. Shantashree Sengupta , Librarian, MCASC, Pune served as a Rapporteur

In this session there were 10 papers out of which 7 papers were presented. The papers mainly were on Tourism information services, ISB, Metric analysis, ICT infrastructure, Best Practices in libraries, Web impact factor analysis, Evaluation of Institutional Repositories, Library associations and networks, Print media since pre-independence.

The delegates interacted with the authors and put some interesting questions and sought some clarifications of the mode of the case studies.

The concluding session i.e., seventh session of the conference was on Social Networking and Web 2.0 technologies. Dr. Vinitha K. , Librarian, St. Mary's College (Autonomous) Thoothukudi and Mr Kuldip Chand , Deputy Librarian, Raj. University, Bikaner Chair and Co-Chaired the session and Ms. Ekta Jain , NIV, ICMR, Pune acted as Rapportuer.

In this session 18 papers were listed of which 3 papers were presented. The authors made presentations on Transformation in services, collections, space and operational activities in libraries, New Bibliometric Indicators, Scientometric and Bibliometrics studies, Institutional Repositories in Karnataka, Indian open access repositories, Rural public libraries in Karnataka, Swayam courses, Preservation and conservations of manuscripts, Open books exam, Use of e-resources by paddy farmers, LIS open access journals, Promoting agricultural information to farmers.

I take this opportunity thank to Department Council Members of Dept. of Library and Information Science, Tumkur Universoity, Tumakuru and all the office bearers of Library Professionals Association(LPA), Delhi

Above all I thank each one of you for your active participation and deliberation during technical sessions and even after the technical sessions. Some time you are to emotional and some time sailent. Whatever it may be let us join our hands to uphold this Noble profession through innovation, quality of libraries, Quality of LIS education and research and creation and management of smart libraries for smart peoples of India.

Once again thank you one and all..............