CONTENTS

Forewo	ord		(iii)
Preface	2		(v)
Messag	ge .		(vii)
Keynot	e Address:	Advanced Technology for Digital Archive Research Wirapong Chansanam	1
Theme Paper:			11
Sectio	n I: Libra	aries in the Digital World	
1.	(Invited	Shihota, Zensei Oshiro, Kazuko Maekawa, Yoshinobu Nakamura,	23
2.		ing the Agricultural Libraries through Android Society a Pandey and Madhav Pandey	30
3.		ing Libraries with Blogging Phenomena e D. Wagh and Shalini R. Lihitkar	33
4.	Farmers	Agricultural Libraries in Disseminating Agricultural Information to Uplaonkar, Madhuri Gautam and Sangeeta Kamble	49
5.	Indian Pe	ney of Traditional Library Towards Transformed Library: An erspective <i>V. Nishane</i>	57
6.	in the De	rative study on the availability and standards of academic libraries gree colleges in Guntur District of Andhra Pradesh a Kumari, Jamuna Rani and K. N. Raja Kumar	63
7.	Reading 2	brary in Raipur with Special References to Nalanda Parishar, Oxy Zones (A Green Hub for Students) Gautam, Shilpa Uplaonkar and Neeti Tramakar	67
8.		braries in India ena Anusha	71
9.	_	owards Green Libraries For Sustainable Development: A Review	76

10.	Role of Academic Library to Encourage Student Community about the Impact of Yoga in Modern Age <i>Hari Devasoth</i>	80
11.	Metadata Creation of Manuscripts Vaishali P Gudadhe and Dinesh Sakhare	84
12.	Impact of Digitalization on Libraries Anita P. Patil	89
13.	Life Behind Library! – Where and To Whom? <i>K</i> . <i>Tamilmani</i> ,	94
14.	Open Source Android Libraries: Every Librarian should know <i>M. S. Pathania</i>	98
15.	Digitization of documents in NIRDPR library: A case study M. Padmaja, M L Umesha and P. Sudhakar	101
16.	The Future and Changing Roles of Academic Libraries in the Digital Age Ramesh Randhi	110
17.	The Green Libraries: Sustainable Practices in University Libraries B. Radhika Rani	114
Section	on II: Android Technology and Innovative Technologies	
18.	Leveraging the Technology in Library Management (Invited Paper) T Siddaiah	123
19.	Academic Libraries in Transition – From Print to Global Online Digital Repositories (Invited Paper) M. Koteswara Rao and K. Veeranjaneyulu	128
20.	Acceptance of Innovative Technologies and Policies in Academics: An Opportunity or Challenge? (Invited Paper) Suresh Jange and C. Nagaraj	136
21.	Role of Artificial Intelligence in providing access to Visually Challenged in the Tamil Nadu Dr Ambedkar Law University: A Best Practice in the University Library (Invited Paper) S. K. Asok Kumar and Dr. A. Bagavathi	143
22.	Application of 'Internet of Things' (IoT) Technology in Library Services (Invited Paper) K N Kandpal	151
23.	Reaching the unreachable using Android Technology: a new transition of Library and Information Services Ravindra S. Bankar and Shalini R. Lihitkar	156

24.	Integrated Library Management Software in Academic Library: The Need of the Hour Sonu Chouhan and M. Suresh Babu	164
25.	Investigating the Barriers/Limitations in Information Communication, Technology, and Tool Implementation Faced by Library Professionals at Veer Narmad South Gujarat University, Surat Kailash D. Tandel and Meena S. Suryavanshi	169
26.	Importance of Radio Frequency Identification Device (RFID) Circulation using KOHA ILMS in National Library of Veterinary Sciences, ICAR-IVRI, Izatnagar K. N. Kandpal and Rahul Saxena	179
27.	SAU Website Prototype for Effective Accessing of Agricultural Information G. Shivacharan, V. Sudharani and K. Veeranjaneyulu	186
28.	Implementation of RFID Technologies in Indian Libraries Bommali Vinod Kumar	190
29.	Application of Open Source Software (OSS) in Libraries Prdnya H. Kshirsagar and Amol A. Thorat	195
30.	Introducing Robots in Libraries Parul Nandal	199
31.	Cloud Computing and Krishi Megh Project in Agricultural Libraries Gagandeep Singh and Hardeep Kumar	203
32.	Cloud-based Library Information Services Sangita V. Dhandhar and Dattatray B. Shinde	208
33.	Innovative Technologies In Libraries Ratna Pratap and P. Venkata Rao	213
34.	Internet of Things: Transition towards Smart Libraries Dhiraj Kumar and Nirmal Singh	221
35.	IoT in Libraries – An opportunity for revival Kanishka Samanta	226
36.	Effectiveness and Retrieval of Major Search Engines Rajesh G. Bobade and Ramdas S. Lihitkar	236
37.	Technology Adoption by Library Professionals for providing the quality Library Services and Resources among the Intellectual Community: A study Chouhan, Kavita and Dr. M. Suresh Babu	241
38.	Emerging Trends and Technologies in Library Management Gande Raiu	247

39.	Android Technology in Libraries Badhavath Santhosh	251
40.	Android Technology and Cloud computing in Construction Industry Abhishake Dutta, S Lakshmi Tulasi Devi and Shivam Azad	
Sectio	on III: Open Sources (MOOCs etc.)	
41.	Swayam/NPTEL Learners @ SRM IST: An Observatory Dashboard (Invited Paper) P. Rajendran and N. Siva	257
42.	From Library Consortia To "One Nation, One Subscription" Model: Prospects And Challenges (Invited Paper) G. Rathinasabapathy and K. Veeranjaneyulu	271
43.	Global Research Performance on Open Sources and MOOCs in Dimensions Database Bhagat Meenakshi Pandurang & Khaparde Vaishali S	280
44.	Emergence of MOOCS as an Alternative to the Open Education Model of Learning Rama Rao Thota	287
45.	Open Sources and MOOCs Suresh Kumar Aatukuri	295
46.	Krishikosh a Digital Repository for NARES Amrender Kumar	302
47.	Analytical Study of the documents uploaded to the Krishikosh Repository by Agriculture and Veterinary University libraries from Maharashtra State Sunil Gawande and Kalyan Tekale	313
48.	Open Access Journals: Advantages and Disadvantages in Today's Information Era. Trushal Ramraoji Gulhane, Vijay S. Pachgade and R. D. Sarode	319
49.	SWAYAM: The Platform for Modern Online Education D. Ravinder and Y. CH. Venkateswarlu	323
50.	Open Access initiatives of Indian Council of Agricultural Research (ICAR) Harish Kumar Tripathi and Medha Kamble	327
51.	E-Learning Opportunities in Higher Education and SWAYAM PRABHA Leela Mohana Kumari. R and Rajesh Jampani	339
52.	INFLIBNET N-List Network Program in India: An Overview Kasure Ashwini Akkalchand and Veena M. Kamble	343

53.	Some Initiatives of Open Educational Resources in India Balwan Singh	347
54.	Role of Open Access in Libraries Pravalika	353
55.	Impact of Open Access Movement in Higher Education in India: Special Reference to DOAJ Manohar B. Bandre and Mangesh S. Karambe	357
56.	Open Source Softwares for Building Digital Library Dr. Kuldip Chand and Anuradha	361
Sectio	on IV: Social Media and Social Networking	
57.	Social Networking Sites Used at Central University of Karnataka: A Study (Invited Paper) P. S. Kattimani	369
58.	Use of Social Networking Sites by Engineering Students of NAAC Accredited Engineering Colleges in Guntur District: A Study <i>Ch. Madhavi and M. Doraswamy</i>	375
59.	Re-Engineering Library Services through Social Networks Santosh A. Navalur and U. S. Jadhav	381
60.	Use of Social Media for Circulation Information: Study of Shri Shivaji College of Education Library Amravati Vandana R. Khakre	387
61.	Social Media and its use on E-Resources in Engineering College Libraries <i>S. Satyavathi</i>	392
62.	Social Media's Role in Advancing Digital Library Services N. Ramakrishna and V. Srinivasa Rao	401
63.	Social Media and Social Networking to Promote Library Services in the Digital Age <i>M. Srivani</i>	406
64.	The Role of Social Media and Social Networking in Information Era: A Study Sangeeta B. Gaikwad, Md. Aamer and Manisha Angad Kambale	412
65.	Impact of Social Media on Indian Stock Markets: A Systematic Literature Review Shivam Azad, Lakshmi Tulasi Devi S and Abhishake Dutta	419

Section V: Information Management and Services & User Studies

66.	An Assessment of Digital Library Facilities and Services in Academic Libraries in the Digital World in Tamil Nadu (Invited Paper) A. Bagavathi and S. K. Asok Kumar	427
67.	Disaster Management in Libraries: Some Experiences (Invited Paper) K. Baskar and B. Ramesh Babu	436
68.	Library Users' Knowledge, Utilization and Satisfaction of the Technology- Driven Resources and Services in the New Normal (Invited Paper) Dr. Ma. Lindie D. Masalinto, Sheila Mae P.Todoc and Rogelio Salinas	445
69.	Best Practices in Libraries and Information Centers: A Case Study of NIT Silchar (Invited Paper) Kishor Chandra Satpathy	451
70.	Marketing of Library Services for Optimum Utilization of Information Services and Products Chetan V. Shirbhate, Vijay S. Pachgade and R. D. Sarode	460
71.	ICT Based Library Services at Library and Information Centre, Regional Campus, Hebbal, Bangalore Shanta. S. Betageri and Girish S. Bhogashetty	464
72.	Social Audit with Web 2.0: A Strategic Tool for Effective E-Governance and Good Governance Kishor Chandra Satpathy and Krishnamati Singha	470
73.	Collection Development in Engineering College Libraries: A Case Study of Muffakham Jah College of Engineering & College Library, Technology – SMNA Central Library, Hyderabad, Telangana. Y. CH. Venkateswarlu	478
74.	Empowering Librarians for Providing Effective e-Services with Special Reference to DESIDOC Dipti Arora and Alka Bansal	483
75.	Library Collection Development and its Management in Hybrid Era <i>V, Srinivasa, B.M. Puneeth and N. Kavya</i>	492
76.	OPAC Services in Libraries of Engineering Colleges (Autonomous) affiliated to JNTU-Kakinada K. Uma Mahesh Yadav	497
77.	Remote Access service to subscribed e-resources of Central Library, NITW through MyLOFT: A Case study Gardasu Balakrishna	508

78.	Usage of E-Resources by Library Users of Agricultural Colleges of Chhattisgarh D. S. Mahipal	514
79.	Utility Behavior of E-Thesis Resources by the Intellectual Community of Tribal Region in Madhya Pradesh: A Study <i>Gore Vinay and M. Suresh Babu</i>	518
80.	Student's Perception on NPTEL/Swayam at NIE, Mysuru: A study <i>Dr. B. Raviivvenkat & Harish Y S</i>	524
81.	Assessment Of Electronic Resources Competency Among The Users Of Indira Gandhi Krishi Vishwavidyalaya, Raipur: An Evaluative Study <i>Rekhraj Sahu</i>	530
82.	Utilization of Online Social Media Information Resources by the Students and Faculty Members at Management Studies College Libraries in Chittoor District – A Study L. Lakshmipathi and E. Sudhakar	535
83.	Technology Forecasts and Librarians'; Voice for E-Skills Empowerment Shrikant Rokade	543
84.	Karnataka Public Digital Libraries: A usage study of Bagalkot District Gireesh A. Ganjihal, K. S. Kwati, and V. A. Ganjihal	547
85.	Role of Librarians in the Digital Environment: Skills and Challenges <i>M. Papegowda, N.Kavya, and B.M. Puneeth</i>	554
86.	Information Literacy in Among the Pharmacy User: A Study Chatrasi Sunitha, Raja Suresh Kumar Pitla and B. R. Doraswamy Naick	561
87.	Essential skills and competencies for Library Professionals in ODL Libraries: a Study <i>Prakash Vijay Barve and P. Galapure Yamini</i>	571
88.	Significance of Collection Development in Libraries Girija Endigeri	575
89.	Collection Development and Usage of Standards in R&D: A Practical approach Hemant Kumar and N. Venkatesh	580
90.	Industry Revolution 4.0: Changing information and Communication Technology in Digital Era and Change Management of Library and Information Professionals <i>A. Bagavathi</i>	583

Section VI: Education, IPR & Ethical Issues

91.	Libraries contribution in the Development of Physical Education and Sports (Invited Paper) P. Prasanth and P. Ravi Kumar	597
92.	Feasibility of Traditional Evaluation System through Online Mode: A Case Study (Invited Paper) T. Indradevi, GRK. Murthy, Seema Kujur and S. Senthil Vinayagam	600
93.	Role of Makerspaces in Ensuring Quality Engineering and Technology Education (Invited Paper) K. Veeranjaneyulu and G. Rathinasabapathy	605
94.	National Institutional Ranking Framework (NIRF) and the Role of Librarians (Invited Paper) S. Goverdhan Rao	613
95.	Comparative study of selected Plagiarism Detection Software (Invited Paper) Sunayana Jadhav and Shalini Lihitkar	620
96.	An understanding of Moral and Economic rights of information resources in National Libraries of Iran and the world: a comparative approach (Invited Paper) Zeinab Papi	629
97.	Legal and Ethical issues: Challenges before the Start-up Aspirants in India Rushikumar R. Kuralkar and Vaishali P. Gudadhe (Choukhande)	638
98.	Impact of rejuvenating libraries on LIS Education in India Sonal Singh	645
99.	Developing Traditional Library And Information Services For E-Learning Environment Ajay S. Pachgade, Vijay S. Pachgade and R. D. Sarode	648
100.	STFND: Fine Tuning Siamese Transformer for Fake News Detection U. Shivani Sri Varshini, M Srinivas and R. B. V. Subramanyam	653
101.	Re-defining Library Science Education in India: An Analysis in the context of Accreditation and New Education Policy 2022 A. T. Francis	659
102.	A Multidimensional Evolution of Information Literacy – Media, Culture and Society Md. Gouse Riajuddin	664
103.	Digital rights/License Management: An Overview Anuradha, Arti Dixit and Kuldip Chand	669

Section VII: Research Analytics, Metric studies & Programming Tools

104.	The highly cited papers of information literacy research in higher education from 2010 to 2021 (Invited Paper) Hunsapun N., Chen C. C., Tu Y.F., Wang N. C. and Lin H. J	679
105.	Research Output on Library and Information Science in BRIC Countries: A Bibliometric Analysis (Invited Paper) B. Elango and P. Rajendran	686
106.	A Scientometric Study of Libraries in the Digital World; Web of Science Asha Kishor Kale and Vaishali Khaparde	691
107.	Research Performance of RVSKVV, Gwalior (M.P.) Publications in Scopus database during 2009-2021: A study Ramnivas Sharma, Manoj Tiwari and Nidhi Srivastava	698
108.	Scientometric Analysis of Reading and Writing Rupamati Ravindra, Asha Ramrao Bobade Gawai and Vaishali Khaparde	704
109.	Increased Citations through Open Access Publishing or International Collaboration: A Study of Engineering Publications Iranna M. Shettar	708
110.	Content Analysis Of Cloud Computing Research Bawaskar Sangeeta S. and Khaparde Vaishali S	716
111.	A Scientometric Study on Collection Development, Management & Delivery of Library Gaikwad Deepa Namdeo and Khaparde Vaishali S	721
112.	Collection Development Management : A bibliometric study Madhuri Sharad Suryawanshi and Khaparde Vaishali S	730
113.	Metric Examination of Literature on Paediatric Nephrology (1981 – 2020) J. Ramakrishnan, G. Ravi Sankar and K. Thavamani	735
114.	Research Productivity and Impact of Polycystic Ovary Syndrome (PCOS) in Women's Health – A Bibliometric view <i>M. Raja, P. Chellappandi and P.Vinayagamoorthy</i>	748
115.	Towards Efficient use of Geographically dispersed Research Infrastructure <i>T. K. Sai</i>	754
116.	Lotka's Law Application with Chickenpox publications in Web of Science Database a Scientometric Study Muneshwar Bhimabai Subhash	758
117.	Mapping of Literature of Rain Water Harvesting: A Scientometric Study <i>Tayade Suraj M. and Dr. Khaparde Vaishali S.</i>	767

118.	Research Analytics and programming tools: A Bibliometrics Study Rohini Giridhari Landge and Khaparde Vaishali S	775
119.	Application of Data mining and Data Security: A Bibliometric Analysis Shilpa P. Shahare and Vaishali S Khaparde	782
120.	A Scientometric Study of Research Analytics and Programing Tools: Web of Science Kajal Hiralal Jawale	791
121.	Appraisal: a Tool to Quality Publishing Yogita Sharma and Aarti Sharma	797
122.	Sharing Economy in BoP markets: Bibliometric Review <i>K Uttam and T Rahul</i>	802
123.	Author Productivity and Test The Lotka's Law In Pollution Control Research Publications In India During 2012 – 2021 Using Scopus Database: A Scientometric Study S. Vivekandhan and P. Ganesh	809
124.	Publications Trends of NDRI Scientists During 2019-2021: A Scientometric Study Narendra Singh Rohila and Subina Kamboj	818
125.	Authorship Pattern and Degree of collaboration in Social Media and Social Networking Pooja Prakash Kharat, .Siddqui Eraj and Vaishali Khaparde	822
126.	An evaluative study on the query-document similarity measures using Vector Space Model Nitumika Gogoi & Prof. Uma Kanjilal	828
127.	Nanogenerators: A Bibliometric review of literature R. Rakesh Kumara, Iranna M. Shettar, K. Veeranjaneyulu and G. Balakrishna	835
128.	Scientometric Study of World Literature in The Field of Law and Allied Areas Sunita Mane-Saware and Sangeeta Dhamdhere- Rao	837