

BIO DATA

NAME & QUALIFICATION : Dr. M.SUMATHI, M.L.I.Sc, M.Phil. SET, Ph.D.

DESIGNATION : Librarian

DEPARTMENTN : Library

Email - ID : sumathim@sigc.edu

Specialization : Scientometrics, Classification, Cataloguing

Professional Bodies : Life Member in Society for the Advancement of
Library and Information Science (SALIS)

Life Member in Madras Library Association (MALA)



Awards

- Received Best Paper Award in National Seminar on “ Emerging Trends In Library & Information Science (ETLIS- 2017)” At Central Library of V.K.N. SenthikumaraNadar College(Autonomous) Virudhunagar Jointly With SALIS

Publications

Publications in Edited Books

Total: 4

4. Gunaseelan, S., Ranganathan, C and **Sumathi, M (2024)**. Researchrabbit: An AI-Powered Scholarly Discovery Tool for Comprehensive Literature Exploration. IN: Digital Transformations for Sustainable Libraries Methods and Strategies. Edited by S. Dhanavandan. Ess Ess Publication, New Delhi. Pp: 109-116. **ISBN: 978-93-92594-76-2**

3. Gunaseelan, S, **Sumathi, M** and Ranganathan, C **(2022)**. “Application of Empirical Law in Nuclear Physics Research output: An Global Perspective A Scientometric Dimension”. Recent Perspectives on Technology Transfer in Library Science Education. The Felicitation Committee, Dept. of Library & Information Science Annamalai University, Annamalainagar – 608 002, Tamil Nadu, India. M/s. Vivekananda International Book Publishers, 525, Sunai Street, Mambattu, 606 803, Polur, Tamil Nadu Pp: 197-204. **ISBN: 978-81-956952-6-3**

2. **Sumathi, M** and Ranganathan, C **(2022)**. “Measurement and Prevention Tools for Plagiarism in Scientific Research Publications”. In: Knowledge Librarianship: A Data-Driven Approach. Edited by S.Dhanavandan. NewDelhi:Ess Ess Publication, pp.278-288. **ISBN: 978-93-92594-04-5**.

1. Gunaseelan, S, **Sumathi, M** and Ranganathan, C (**2022**). Design and Development of Subject Gateway of Electronic Thesis and Dissertation with special reference to Southern Universities. In: "Innovative Librarianship: Impetus to Digital Convergence. Edited by S.Dhanavandan Today and Tomorrow's Printers and Publishers, New Delhi-110 002, pp. 397-406 ISBN: 978-93-91734-05-3.

Publications (Journal Articles)

Total: 6

6. **Sumathi, M** and Ranganathan, C (2021). Global Perspective of Research Productivity in Green Electronics: A Scientometric Analysis. *Turkish Online Journal of Qualitative Inquiry (TOJQI)*. Vol 12, Issue 9, August 2021, Pp. 5833-5847, ISSN:1309-6591.
5. Gunaseelan, S, **Sumathi, M** and Ranganathan, C (**2021**). "Geographical Indications in the Context of Manipur: A Case Study of Kachai Lemon". *The Asian Review of Civil Engineering*, Vol 10, Issue 2pp: 33- 35, ISSN: 2249-6203.
4. Ranganathan, C and **Sumathi, M** (2021). Scientometric Analysis of Authorship Trends and Collaborative Research in Geochemistry. *Library Philosophy and Practice (e-Journal)*. 2-26-2021. February Paper 5194. Link: <https://digitalcommons.unl.edu/libphilprac/5194> (ISSN 1522-0222) [UGC Approved List-4641.
3. **Sumathi, M** and Ranganathan, C (2020). Scientometric Analysis of Author Productivity and Collaborative Research Output in Biodiversity; an Indian Perspective. *Library Philosophy and Practice (e-Journal)*. 18-12-2020. (ISSN 1522-0222) [UGC Approved List-4641. Link: <https://digitalcommons.unl.edu/libphilprac/4882>
2. **Sumathi, M** and Ranganathan, C (2020). Mapping of Data Mining Research Productivity in India: A Scientometric Analysis. *Library Philosophy and Practice (e-Journal)*. 10-5-2020. October Paper 4367. Link: <https://digitalcommons.unl.edu/libphilprac/4367> (ISSN 1522-0222)
1. **Sumathi, M** and Ranganathan, C (2020). Mapping of Research Productivity in Mycology on Web of Science Database During 1989-2018: A Scientometric Analysis. *Proteus Journal*, Volume 11, Issue 10, October 2020. ISSN (0889-6348)

Research Article Published in Edited Volume/ Proceedings

International Conferences/ Seminars : 11

11. S.Gunaseelan, Ranganathan, C & **Sumathi, M** (**2024**). Comprehensive Analysis of E-content Modules of the Consortium for Educational Communication (CEC). Paper presented at the International Conference on G20 Library Summit: Connecting Nations for Knowledge and Cultural Heritage. Organized by Ananda Rangapillai Library, Pondicherry University, Puducherry held on 7-9 February, 2024.

10. Sumathi, M, S.Gunaseelan & Ranganathan, C (2024). An Analysis of Institutional Performance and Research Productivity of the Indian Institutes of Management (IIM's) With Special Reference to IRINS and NIRF. Paper presented at International Conference on Knowledge Management in Higher Education Institutions (ICKHI 2024). Organized by Central Library of Manipal University, Jaipur held on January 30-31, 2024. , pp:237- 243, **ISBN: 978-81-952757-8-6.**

9. Gunaseelan, S., Ranganathan, C and Sumathi, M (2023). “Impactio: Revolutionizing Academic Networking through Innovative Profile Management and Research Visibility”. Paper presented at the 13th International Conference on Recent Advances in Information Technology (READIT-2023) Organized by Scientific Information Resource Division, Indira Gandhi Centre for Atomic Research, Kalpakkam - 603 102 in association with Madras Library Association Kalpakkam chapter held on 22nd – 23rd November 2023. Pp: 114-119. **ISBN: 978-81-954130-9-6**

8. Ranganathan, C., Gunaseelan, S and Sumathi, M (2023). “A Study on the status of Indian Universities Electronic Thesis and Dissertation (ETD's) Contributions at Shodhganga” Paper presented at the International Conference on Multidisciplinary Approaches in Teacher Education and Digital Library in the Perspective of Education 5.0 (MATEDLPE – 23) Organized by Department of Education & Arjun Singh Library, Periyar Maniammai Institute of Science & Technology (Deemed to be University) Thanjavur – 613 403 held on 24th – 25th March 2023. Pp:130-138. **ISBN: 978-93-94503-13-7.**

7. Sumathi, M & Ranganathan, C (2022). “Growth and Development of Library and Information Science Education in India: A Pioneer Study” Paper presented at the International Conference on Scientific and Technological Advancements for Reliable and Sustainable –Future (STARS) -2022) Organized by Deanery of Academics & Department of Library and Information Science, Bishop Heber College (Autonomous), Tiruchirappalli – 620 017 held on 16th -18th November 2022. Pp: 27-31. **ISBN: 978-81-959260-7-7.**

6. Gunaseelan,S, Sumathi, M and Ranganathan, C (2022). “Best Practices in Academic Libraries: with Special Reference to NAAC Accreditation” Paper presented at the International Conference on Current Trends and Challenges in 21st Century Librarianship (CTCLIS21) Organized by University Library. Tamil Nadu Physical Education and Sports University, Chennai in association with Madras Library Association (MALA) held on 30th September & 1st October 2022. Pp: 579-588, **ISBN: 978-93-5680-115-8.**

5. Gunaseelan,S, Ranganathan, C, Sumathi, M and Kirthiga, G (2022). “A Study on Manonmaniam Sundaranar University's Funded Research Publications” Paper presented at the International Conference on Open Educational Resources (ICCSPIRL-2K19) Organized by Department of Library and Information Science & University Library. Manonmaniam Sundaranar University. Tirunelveli. Sponsored by ICSSR New Delhi on 15th –16th September 2022. Pp:49-60,**ISBN: 978-81-949166-0-4.**

4. Gunaseelan,S, **Sumathi, M** and Ranganathan, C (**2022**). “Scientometric analysis of Research productivity in Nanophotonics: A Study” in International Conference on Enhancing Library System to best engage with Global Change (Etakam Research Conference - 2022) Organized by University Library, University of Jaffna Sri Lanka held on 12th August 2022. pp:51. , **ISBN: 978-62-461500-7-5**

3. Gunaseelan,S, **Sumathi, M** and Ranganathan, C (**2022**). “Geographical Indications in the Context of Manipur: A Case Study of Kachai Lemon” in International Conference on “Knowledge Management in Higher Education Institutions (ICKHI 2022)” Organized by Central Library of Manipal University, Jaipur held on April 11-12, 2022., pp: 286- 290, **ISBN: 978-81-952757-3-1**.

2. KadariSantosh Kumar, Jothilakshmi, K and **Sumathi, M (2018)** “Use of Electronic Resources at Indian Institute of Management Tiruchirappalli” in International Conference on “Emerging Trends in Librarianship Role of Libraries in Learning Environment” At Central Library of Indian Institute of Management Tiruchirappalli held on December 10-12, 2018.

1. Devaki, M, **Sumathi, M** and Jothilakshmi, K (**2016**). “Design and Developing Library Services: Using Open-Source Websites” in International Conference on “Re-Engineering of Library Resources and Services: Challenges and Opportunities [CIRLRS-2016]” at Annamalai University, Chidambaram.

Research Article Published in Edited Volume/ Proceedings

National Conferences/ Seminars : 15

15. **Sumathi, M** and Ranganathan, C (**2024**). Social Networking Tools for Library Services. Paper presented at the ICSSR Sponsored National Seminar on Reimagining Libraries: Innovations in Technology & Trends. Organized by Chozha Central Library, Central University of Tamilnadu, Thiruvarur-610005, 18th -19th March 2024.

14. Gunaseelan, S., Ranganathan, C and **Sumathi, M (2024)**. Researchrabbit: An AI-Powered Scholarly Discovery Tool for Comprehensive Literature Exploration. Paper presented at the RRRLF Sponsored National Conference on Digital Transformations for sustainable Libraries. Organized by Chozha Central Library, Central university of Tamilnadu, Thiruvarur-610005 ,29th -30th January 2024.

13. Kirthiga, G., Ranganathan, C., and **Sumathi, M.** (2023). “Digital Library 2.0: The Future of Knowledge Access” Paper presented at the ICSSR Sponsored National Conference on Revitalizing Libraries in the Google Generation. Organized by Department of Central Library & Society for the Advancement of Library and Information Science, Kovilpatti– 628 503, 12th– 14th October 2023. Pp: 474-477. **ISBN: 978-93-85469-09-1**.

- 12.** Gunaseelan,S., Ranganathan, C., and **Sumathi, M.** (2023). “Empowering Global Knowledge Access: The Lens Enabling Open Access and Collaboration in Research” Paper presented at the ICSSR Sponsored National Conference on Revitalizing Libraries in the Google Generation. Organized by Department of Central Library & Society for the Advancement of Library and Information Science, Kovilpatti- 628 503, 12th- 14th October 2023. Pp: 366-369. **ISBN:** 978-93-85469-09-1.
- 11.** Kirthiga, G., Ranganathan, C., and **Sumathi, M.** (2023). “Public Library Systems and Services in Tamil Nadu” Paper presented at the National Conference on Next Generation Public Libraries: Exploring Emerging Trends and Technologies (NGPL – 2023) Organized by Department of Library and Information Science & Raja Rammohun Roy Library Foundation at Alagappa University, Karaikudi – 63003, 08th- 09th September 2023.
- 10.** Gunaseelan,S Ranganathan, C., and **Sumathi, M.** (2023). “Design and Development of Subject Gateway for Open Access Academic Search Engines” Paper presented at the National Conference on Next Generation Public Libraries: Exploring Emerging Trends and Technologies (NGPL – 2023) Organized by Department of Library and Information Science & Raja Rammohun Roy Library Foundation at Alagappa University, Karaikudi – 63003, 08th- 09th September 2023. Pp: **ISBN:**
- 9.** Ranganathan, C., Gunaseelan,S and **Sumathi, M.** (2023). “A Scientometric Analysis of Chronic Wasting Disease Research Productivity” Paper presented at the National Conference on Recent Technology Innovation Towards Best Practices of Libraries in The Knowledge Society [RTIBPLKS-2023] Organized by Central Library, Alagappa University, Karaikudi – 63003, 12th - 13th April 2023. Pp: 196 - 203, **ISBN: 978-93-5811-421-8.**
- 8.** Gunaseelan,S., Ranganathan, C., and **Sumathi, M.** (2023). “An Analysis of E-Content Modules on Knowledge Organization and Processing: Classification and Cataloguing in Library and Information Science with Special Reference to E-PG Pathshala” Paper presented at the National Conference on The Role of Digital Library in Constructing the Digital World (NCT-ALA: 2023) Organized by Department of Library and Information Science & ALA – Academic Library Association, Tamil Nadu, Tiruchirappalli – 620001, 8th April 2023. Pp: 05 – 12, **ISBN: 978-93-8564.**
- 7.** Kirthiga,G, Ranganathan, C., and **Sumathi, M.** (2023). “World Digital Library: A Case Study” Paper presented at the National Conference on The Role of Digital Library in Constructing the Digital World (NCT-ALA: 2023) Organized by Department of Library and Information Science & ALA – Academic Library Association, Tamil Nadu, Tiruchirappalli – 620001, 8th April 2023. Pp: 149 – 152, **ISBN: 978-93-8564.**

6. Gunaseelan,S., Ranganathan, C., and **Sumathi, M.** (2023). “A Bibliometric Study on Indian Journal of Adult Education During the year 2016-2022” Paper presented at the National Seminar on Impact of Industry 4.0 on Sustainable Libraries (NSISL – 2023). Organized by Department of Library and Information Science & Alumni Association at Alagappa University, Karaikudi – 63003, 31st March – 1st April 2023. Pp: 148 – 153, **ISBN: 978-81-960905-9-3.**

5. Ranganathan,C., Gunaseelan,S and **Sumathi, M** (2023). “Authorship Trends and Collaboration Patterns in Chronic Wasting Disease Research Output: A Scientometric Analysis” Paper presented at the RRRLF Sponsored two days National Conference on Role of Public Libraries in Creating Knowledge Society (NCPLCKS – 2023). Organized by the Dr.C.P.Ramaswami Aiyar University Library & Department of Library and Information Science at Annamalai University, Chidambaram-608 002 17th – 18th March 2023. Pp: 595-603 **ISBN: 978-81-960905-7-9.**

4. Gunaseelan,S., **Sumathi,M** and Ranganathan, C (**2022**). “A Study on E-Content Module in Library and Information Science: with Special Reference to E-PG Pathshala” Paper presented at the RRRLF Sponsored SALIS 2022: National Conference on Transformation of Learning Resource Centres in the Digital Era. Organized by the Department of Library. K.S.Rangasamy College of Technology. Tiruchengode jointly with Society for the Advancement of Library and Information Science (SALIS) at KSRCT during 13th-15th October 2022. Pp:336-340, **ISBN: 978-93-85469-08-4**

3. **Sumathi, M** and Ranganathan, C (**2022**). “Measurement and Prevention Tools for Plagiarism in Scientific Research Publications” Paper presented at the ICSSR Sponsored National Seminar on Innovative Librarianship: A foresight on Aamanirbhar Bharat (NSIL-2022). Organized by Central Library, Central university of Tamilnadu, Thiruvavur-610005 29th -30th July 2022. Pp.278-288. **ISBN:978-93-92594-04-5.**

2. Gunaseelan, S., **Sumathi, M** and Ranganathan, C (**2022**). Design and Development of Subject Gateway of Electronic Thesis and Dissertation with special reference to Southern Universities. Paper presented at the RRRLF Sponsored National Conference on “Innovative Librarianship: Accelerating of Open and Digital Convergence. Organized by Central Library, Central university of Tamilnadu, Thiruvavur-610005. 9th -10th June 2022. Pp:397-406. **ISBN: 978-93-91734-05-3.**

1. Gunaseelan, S, Sumathi, **M** and Ranganathan, C (**2022**). Content Analysis of Library Websites in Selected Co-Aided Colleges in Bharathidasan University: An Analytical Study. Paper presented at the ICSSR Sponsored National Conference on Documentation Science and Information Management. Organized by Department of Library and Information Science, Rajagiri college of Social Sciences (RCSS), Kerala. 26th -28th May, 2022. Pp: 228-233. **ISBN: 978-93-93253-24-8.**

Events Participated-International Conferences/Seminar

01

1. UGC Sponsored Two Day International Conference on “**Knowledge Resources and Library Technologies (ICKRELT-2017)**”, at Department of Library and Information Science, Bharathidasan University, Trichy, February-2017.

Events Participated-National Conferences/Seminar : 04

4. National Symposium on “**Relevance of Libraries and Higher Education Research**” at Department of Library and Information Science, Bharathidasan University, Trichy, 12th August 2022.

3. UGC Sponsored One Day National Seminar on “**Library Technologies for Teaching, Learning and Research**” at Department of Library and Information Science, Bharathidasan University, Trichy, August 2016.

2. Seminar on “**Accreditation and Quality Management in Library Services: NAAC and NBA Parameters**”, American College (Autonomous), Madurai on April-2016.

1. National Conference on **Research Methodology in Library and Information Science (NCRMLIS 2016)**, Alagappa University, Karaikudi on March -2016.

Events Participated-Workshop

03

3. Online International Workshop on “**Redefining Libraries with Digital Tools**” organized Librarian Guide on 01-03 May 2024.

2. UGC Sponsored One Day International Workshop on “**Content Management System Using Drupal**”, at Department of Library and Information Science, Bharathidasan University, Trichy, February-2017.

1. National Workshop on “**Information and Knowledge Analytics**”, at Department of Library and Information Science, Bharathidasan University, Tiruchirappalli on 12-13th August-2015.

Events Participated: Other Training Programs

01

1. One Day Awareness Cum Training Programme on “**SHODHGANGA ETD DATABASE**” at Department of Library and Information Science, Bharathidasan University, Tiruchirappalli held on 6th November-2015.

Events Participated-Faculty Development Programme

01

1. Participated in the Faculty Development Program (FDP) on **“Redefining Research skills: Enriching Research and Publications”** organized by Research and Development Cell, Shrimati Indira Gandhi College, Tiruchirappalli held on **1 - 5th April 2024.**

Events Participated --Webinars

Total: 10

PARTICIPATED IN INTERNATIONAL WEBINARS: 02

2. Participated one-week International Level Webinar on **“Knowledge Access and Sharing: Tools and Technologies for Higher academic research”** organized by Central Library and PG Department of Library & Information Science, Holy Cross College (Autonomous), Tiruchirappalli, and Department of Library and Information Science, Bharathidasan University, Tiruchirappalli on 5th September 2020 to 11th September 2020.

1. Participated in the International Level Webinar on **“Library Technology and Library Innovation”** organized by Readers Club International (A Public Library Network) in association with MyLOFT-Elcat Engineering, held on 12th August 2020.

PARTICIPATED IN NATIONAL WEBINARS: 08

8. Participated in the National level Webinar on **“Write like a Pro: Grammarly’s Secrets to Effective Writing”** organized by Dr. G. Ramachandran Library, Gandhigram Rural Institute-Deemed to be University, Gandhigram on 26th April 2024.

7. Participated in the National level Webinar on **“iThenticate in 2024: Enhanced flagging, filtering and interface update”** organized by Dr. G. Ramachandran Library, Gandhigram Rural Institute-Deemed to be University, Gandhigram on 25th April 2024.

6. Participated in the National level Webinar on **INFED Remote Access Unveiled”** organized by Dr. G. Ramachandran Library, Gandhigram Rural Institute-Deemed to be University, Gandhigram on 24th April 2024.

5. Participated in the National Level Webinar on **“The Critical Role of Libraries in an Open Science World”** organized by the DELNET on 16th April 2024.

4. Participated in the National Level Webinar on **“Science Communication”** organized by the Department of Library and Information Science, Bharathidasan University, Tiruchirappalli on 28th February, 2022.

3. Participated in the National Level Webinar on **“Anatomy of A Research Paper”** organized by the Central Library of Devanga Arts College (Autonomous), Aruppukottai, Tamil Nadu jointly with Madras Library Association (MALA), Madurai Chapter on 17th June, 2021.

2. Participated in the National Level Webinar on **“Effective and Efficient Writing of Research Papers for the Web of Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio”** organized by the Hyderabad Institute of Technology and Management, held on 11th June 2021.

1. Participated in the national Level Webinar on **“Internet and Web Archives: An overview”** organized by Central Library and PG Department of Library & Information Science, Holy Cross College (Autonomous), Tiruchirappalli, held on 17th August 2020.