# Manika Lamba

Department of Library and Information Science

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Google Scholar: Google Scholar Profile

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## Education

2019–2022 [†]  Ph.D. Library and Information Science, University of Delhi

(Expected)    *Thesis Title*: Analyzing Trends in Electronic Theses and Dissertations: 100 years of Library and Information Science

*Supervisor*: Margam Madhusudhan

2017–2019   M.Phil., Library and Information Science, University of Delhi

*Dissertation Title*: Topic Mining and Prediction Modeling of Library and Information Science Theses submitted to Shodhganga from 2013 to 2017

*Supervisor*: Margam Madhusudhan

2016–2017   M.L.I.S, Library and Information Science, University of Delhi

*Dissertation Title*: Marketing of Library and Information Products and Services in Selected Medical Libraries in Delhi: A Case Study

*Supervisor*: R.K. Bhatt

2015–2016   B.L.I.S, Library and Information Science, University of Delhi

2012–2014   M.Sc., Plant Biotechnology, TERI School of Advanced Studies

*Dissertation Title*: Analysis of Filaggrin gene variation in different disease phenotypes

*Supervisors*: Pallavi Somvanshi, Archana Singh, Binuja Verma

2009–2012   B.Sc. (H), Biochemistry, University of Delhi

## Research Interests

My scholarship focuses on the intersections of text mining, computing and behavioral science (including human-computer interaction (HCI), and social media platforms), machine learning, and science of science. I have secondary expertise in altmetrics.

# Publications

### Authored Book

[1] **Manika Lamba**, & Margam Madhusudhan. (2021). Text Mining: An Uncharted Territory for Librarians, Springer Nature (In Preparation)

### Edited Book

[1] **Manika Lamba**. (2022). Technological Advancements in Library Service Innovation, IGI Global (In Preparation)

### Journals

[†] indicates the student mentored by me for Masters dissertation

[1] **Manika Lamba**, Neha Kashyap[†], & Margam Madhusudhan. (2021). Research Evaluation of Computer Science Departments: A Cohort Study of Indian Central Universities, Global Knowledge, Memory and Communication. DOI: 10.1108/GKMC-07-2020-0097

[2] K.C.Garg, **Manika Lamba**, & Rahul Kumar Singh. (2020). Bibliometric Analysis of papers published during 1992 to 2019 in DESIDOC Journal of Library and Information Technology, DESIDOC Journal of Library and Information Technology, 40(6), 396-402. DOI:10.14429/djlit.40.06.15741

[3] **Manika Lamba**. (2020). Research Productivity of Health Care Policy Faculty: A Cohort Study of Harvard Medical School, Scientometrics, 124(1), 107–130.DOI: 10.1007/s11192-020-03433-5

[4] **Manika Lamba**, & Margam Madhusudhan. (2020). Mapping of ETDs in ProQuest dissertations and theses (PQDT) global database (2014-2018), Cadernos BAD, 2019(1), 169–182. URL: https://www.bad.pt/publicacoes/index.php/cadernos/article/view/2034/pdf

[5] **Manika Lamba**, & Margam Madhusudhan. (2019). Mapping of Topics in DESIDOC Journal of Library and Information Technology, India: a study, Scientometrics, 120(2), 477–505. DOI: 10.1007/s11192-019-03137-5

[6] **Manika Lamba**, & Margam Madhusudhan. (2019). Author-Topic Modeling of DESIDOC Journal of Library and Information Technology (2008-2017), India, Library Philosophy and Practice, e2593. URL: https://digitalcommons.unl.edu/libphilprac/2593/

[7] **Manika Lamba**, & Margam Madhusudhan. (2019). Metadata Tagging and Prediction Modeling: Case Study of DESIDOC Journal of Library and Information Technology (2008-2017), India, World Digital Libraries, 12(1), 33–89. DOI: 10.18329/09757597/2019/12103

[8] **Manika Lamba**. (2019). Marketing of academic health libraries 2.0: a case study, Library Management, 40(3/4), 155–177. DOI: 10.1108/LM-03-2018-0013

[9] **Manika Lamba**, & Margam Madhusudhan. (2018). Application of sentiment analysis in libraries to provide temporal information service: a case study on various facets of productivity, Social Network Analysis and Mining volume, 8:63. DOI: 10.1007/s13278-018-0541-y

**Conferences**

[1] **Manika Lamba**. (2019). Text Analysis of ETDs in ProQuest Dissertations and Theses (PQDT) Global (2016-2018). In ICDL2019: Digital Transformation for an Agile Environment, New Delhi (pp. 734–745). New Delhi, India. Download

[2] **Manika Lamba**, & Margam Madhusudhan (2018). Metadata Tagging of Library and Information Science Theses: Shodhganga (2013-2017). In ETD 2018 Taiwan Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs. Taipei, Taiwan. Download

[3] **Manika Lamba**, & R.K. Bhatt (2017). Marketing of LIS Products and Services in Select Medical Libraries of Delhi in Digital Environment: A Comparative Study. In 2nd International Conference of Asian Libraries: Expanding Digital Footprints: Role of Libraries & Information Centers, (pp. 179-192). New Delhi, India. Download

**Book chapters**

[1] Margam Madhusudhan, & **Manika Lamba**. (2021). Subject librarians and their changing roles. In: Quality Library Services in New Era (pp. 88-96). Guwahati:EBH Publishers. Download

[2] **Manika Lamba**, & Margam Madhusudhan. (2019). New Paradigm in Library 2.0: Sentiment Analysis of Twitter. In Emerging Trends for SMART Libraries: A Festschrift in Honour of Professor V.P.Khare in Four Volumes (pp. 195-201). Delhi:Shree Publications, and Distributors. Download

[3] **Manika Lamba**. (2019). Marketing of University College of Medical Sciences Library, University of Delhi: a Study. In Innovative Librarianship through ICT Tools and Technology (pp. 1-11). Delhi:Shree Publishers and Distributors. Download

[4] **Manika Lamba**, & Margam Madhusudhan. (2018). Application of Topic Mining and Prediction Modeling Tools for Library and Information Science Journals. In Library Practices in Digital Era: Festschrift in Honor of Prof. V Vishwa Mohan (pp. 395-401). Hyderabad:BS Publications. Download

# Current Working Projects

[1] Gender Research in Political Science: Topics, Trends and Networks with Carolyn Barnett, Michael Fitzgerald, Katie Krumholz, and Kathleen Rogers (Data analysis in progress) (Equal contribution)

[2] Unraveling Gender Disparities by Indian Funding Agencies in STEM Research (Data analysis in progess)

[3] An Experimental design on the Relationship between COVID-19 Misinformation and Protective Behavior with Chen-Shuo Hong, Funded by SCISS (Data analysis in progress) (Equal contribution)

[4] Analysis and Visualization of Environment Tweets: Case study of #teriin (Data collection in progress)

## Contributed Presentations

[1] **Manika Lamba**. (2021). Exploratory Text Analysis of Electronic Theses and Dissertations (oral presentation), iSchool Conference (Virtual), March 2021.

[2] **Manika Lamba**. (2019). Text Analysis of ETDs in ProQuest Dissertations and Theses (PQDT) Global (2016-2018) (oral presentation), ICDL2019: Digital Transformation for an Agile Environment, New Delhi, India, November 2019.

[3] **Manika Lamba**, & Margam Madhusudhan. (2019). Mapping of ETDs in ProQuest dissertations and theses (PQDT) global database (2014-2018) (video presentation), 22nd International Symposium on Electronic Theses and Dissertations – ETD 2019, Porto, Portugal, November 2019.

[4] **Manika Lamba**,& Margam Madhusudhan. (2018). Metadata Tagging of Library and Information Science Theses: Shodhganga (2013-2017) (oral presentation), ETD 2018 Taiwan Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs, Taipei, Taiwan, September 2018.

[5] **Manika Lamba**. (2017). Marketing of LIS Products and Services in Select Medical Libraries of Delhi in Digital Environment: A Comparative Study (oral presentation), 2nd International Conference of Asian Libraries: Expanding Digital Footprints: Role of Libraries & Information Centers, New Delhi, India, October 2017.

## Mentorship

| | | |
|---|---|---|
| 2021 | Ankit Kumar | MLIS Student, University of Delhi |
| 2020 | Neha Kashyap | MLIS Student (*Dissertation Title: Research Evaluation of Central Universities of India using Altmetrics: A Cohort Study*), University of Delhi |
| 2020 | Victor Chepik | Certifed Publons Academy Mentor, Publons Academy |

## Selected Honors, Awards, Fellowships, and Fundings

| | |
|---|---|
| 2021 | Received scholarship to attend Research Data Access and Preservation (RDAP) 2021 Summit. It was funded by Figshare, Northeastern University Library, and Syracuse University iSchool |
| 2021 | Received scholarship to attend Doctoral Colloquium and full iSchool Conference 2021. It was funded by U.S. National Science Foundation |
| 2020 | Received scholarship of $449 to attend SLA 2020 Virtual Conference. Contributed a blog article on *AlphaSense: Case Study of an Artificial Intelligence Search Engine in Business* session which was attended at the conference |
| 2020 | Received $600.48 in Amazon Mechanical Turk credits from SICSS to support proposed research on *An Experimental design on the Relationship between COVID-19 misinformation and Protective Behavior* |
| 2019 | Best Paper Award at ICDL 2019 |
| 2019-2021 | UGC Non-NET Ph.D. Fellowship |
| 2019 | Featured in Information Professionals Share their Top Tips for 2019 blog by Copyright Clearance Center (CCC) |
| 2018 | Secured first position in M.Phil. in Library and Information Science |
| 2018 | Received free student registration of $3,000 NTD to attend ETD 2018 conference at Taipei, Taiwan |
| 2017-2018 | Cleared National Eligibility Test (UGC NET or NTA-UGC-NET) four times in January 2017 (certificate no: 172018291), November 2017 (certificate no: 172036059), July 2018 (certificate no: 181045230), and December 2018 (certificate no: 182034780) that determines the eligibility for the post of assistant professor in India |

## Services and Professional Activities

### Discussant Roles

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|---|---|---|
| 2021 | Invited Discussant | 5th Library Technology Conclave (LTC2021) for *Social Media Research* session, Video 1 and 2 |

### Editorial Services

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|---|---|---|
| 2021-Present | **Editor-in-Chief** | International Journal of Library and Information Services (IJLIS), IGI Global |
| Aug–Oct 2019 | Volunteered Editor-at-large | dh+lib (an ACRL Digital Humanities Interest Group project) |

**Invited Positions**

| 2020-Present | Program Committee Member | The Digital Marketing & eCommerce Conference |
| Sep 2019 | Invited Attendee | ProQuest Day, Aloft Hotel Aerocity, Delhi |

**Reviewing Services**

*† indicates reviewing for multiple times*

- ELI Annual Meeting 2020 by EDUCAUSE
- Journal of Big Data†
- IEEE Access†
- Journal of Medical Internet Research†
- JMIR Medical Informatics
- Scientometrics†
- Journal of Information Science†
- Global Knowledge, Memory and Communication†
- Journal of International Medical Research†
- Library Hi-Tech
- Information Discovery and Delivery†
- International Journal of Library and Information Services†
- Network Modeling Analysis in Health Informatics and Bioinformatics†
- DESIDOC Journal of Library and Information Technology†
- The Library Quarterly
- International Journal of Technology, Knowledge, and Society†

**Professional Memberships**

Life Member   Indian Library Association

2020–2021   Association for Information Science and Technology (ASIS&T)

2020–2021   Research Data Access and Preservation Association (RDAP), Inc.

2015–Present   Delhi University Library Science Students' Association (DULSA)


# Experience

2016        Summer Intern, Central Reference Library, University of Delhi

2014–2015   Industrial Training (with stipend), Department of Biotechnology

2013        Summer Intern, Plant Pathology, Virology Department, Indian Agriculture Research Institute

# Skills

R           Intermediate

Python      Intermediate

Other       LaTex, HTML5, Github, SPSS, Qualtrics, MTurk, RapidMiner, ORANGE

## Additional Training

2021        Text Analysis Pedagogy Institute led by JSTOR Labs in partnership with The University of Virginia (2021) and The University of Arizona (2022) with the funding from the *National Endowment for the Humanities*. Courses undertook :

(1) Machine Learning by Grant Glass (Ph.D. candidate, University of North Carolina at Chapel Hill);

(2) Topic Modeling by Rafael Alvarado (Associate Professor,University of Virginia); and

(3) Visualizing Humanities Data by Zoe LeBlanc (Postdoctoral Associate, Princeton University)

2021        Workshop on "Omics Integration and Supervised Machine Learning"

2020        Guided Project on "Fake News Detection with Machine Learning", Coursera

2020        Guided Project on "Create Interactive Dashboard with Streamlit and Python", Coursera

2020        Guided Project on "Network Data Science with NetworkX and Python", Coursera

2020        Summer Institute in Computational Social Science (SICSS-Rutgers), sponsored by *Alfred P. Sloan Foundation*, *Russell Sage Foundation*, *Facebook*, *Social Science Research Council*

2019        Five Day Workshop on *Library Automation & Digitisation*, South Campus Library, University of Delhi

2019        Certificate Course in Archives Management, National Archives of India

2018        Certificate Course in Reprography, National Archives of India

2018        Research Data Management and Sharing, Coursera

2017        Certificate Course in Care and Conservation of Books, Manuscripts and Archives, National Archives of India

2017–2018   Certificate Course in German Language, University of Delhi

2016–2017   Certificate Course in French Language, University of Delhi

2015        Reproducible Research, Coursera

## References

Available on request