SHANMUGAPRIYA T
Digital Humanities Postdoctoral Scholar, University of Toronto Scarborough
Email ids:shanmu.shanmugapriya@utoronto.ca; dharanpreethi83@gmail.com
Website: http://shanmugapriya.com/; https://www.utsc.utoronto.ca/hcs/shanmuga-priya;
Mobile: +1 4379821756

RESEARCH AND TEACHING INTERESTS

Digital Humanities, Digital Environmental Humanities and Digital Literature: Text mining, Corpus building, GIS and mapping, Interactive visualization, Geographical text analysis, Colonial and Postcolonial studies, Digital poetry and game, Creative works

EDUCATION

- 2020: Ph.D., Indian English Literature and Digital Humanities, Indian Institute of Technology Indore, India.
  Dissertation: *The Impact of Technological Devices and Digital Technologies In/On Post-Independence Indian English Literature: Narrative, Publishing and Praxis*.
  Supervisor: Dr. Nirmala Menon.

ACADEMIC EMPLOYMENT

- 2022-present: Postdoctoral Fellow, Department of Historical and Cultural Studies, University of Toronto, Canada.
- 2021 April- January 2023: Unemployed as the Visa was delayed due to COVID-19
- 2020-21: Postdoctoral Research Associate, Department of History, Lancaster University, UK.
- 2015-20: Teaching Assistant, School of Humanities and Social Sciences at the Indian Institute of Technology Indore, India.

TEACHING

- Reading and Unreading Digital-born Creative Works: Critical Making of Contemporary Information (INF1005H section 0113, Winter 2023), Faculty of Information, University of Toronto.
- Games and Play (MDSC65H3, Fall 2022), Arts, Culture and Media, University of Toronto Scarborough

AWARDS AND FELLOWSHIPS

- 2022: Electronic Literature Organization Research Fellowship, Washington State University Vancouver, USA.
- 2021-23 Postdoctoral Fellowship, University of Toronto, Canada.
- 2020: ASEM-DUO India Fellowship (Declined).
- 2019: SPARC Visiting Scholar Award, Digital Humanities Hub, Department of History at Lancaster University, UK.
- 2015: National Eligibility Test (NET), The University Grants Commission (UGC) of India.
- 2013-15: Free Education Award for MA degree, Bharathiar University, Coimbatore India.

DH CONSULTANT

- 2022-present Department of Historical and Cultural Studies, University of Toronto Scarborough

GRANTS

Ph.D. Scholarship

- 2017-19: Senior Teaching Assistantship from the School of Humanities and Social Sciences, Indian Institute of Technology Indore.
- 2015-17: Junior Teaching Assistantship from the School of Humanities and Social Sciences, Indian Institute of Technology Indore.

Post-graduation Scholarship

- 2013-15: Free Education Grant for Master degree, Bharathiar University, Coimbatore, India.

Conference and Workshop Grants

- 2019: Grant received to attend the Digital Humanities Workshop on "Multifaceted engagements with Cultural Heritage" at the Centre for the Study of Developing Society, New Delhi and funded by the Arts and Humanities Research Council (AHRC), UK. 11-12 April 2019.
- 2018: Grant received to attend the Digital Humanities Workshop at the Indian National Trust for Art and Cultural Heritage, New Delhi and funded by the Arts and Humanities Research Council (AHRC), UK. 15-16 April 2018.
- 2017: Partial grant received to present the paper "Locating Literary Practices/Expressions in Indian Digital Spaces" presented at the Electronic Literature Organization, Annual Conference, University of Fernando Pessoa, Porto, Portugal, 19 -22 July 2017.

UNIVERSITY TEACHING TRAINING

- 2022: Teaching Assistant Training Program, Centre for Teaching Support & Innovation, University of Toronto

PUBLICATIONS

Peer-reviewed Journals (Accepted and published)

T. Shanmugapriya. "Formalizing Concepts and Creating Computational Modeling for Literary and Historical Research", *Digital Humanities Quarterly,* Special Issue *"Working on and with Categories for Text Analysis: Challenges and Findings from and for Digital Humanities Practices".* (Abstract accepted).

T., Shanmugapriya and Nirmala Menon. "Infrastructure and Social Interaction: Situated Research Practices in Digital Humanities in India." *Digital Humanities Quarterly,* Vol. 14, No. 3, 2020.

T., Shanmugapriya, Nirmala Menon and Andy Campbell. "An Introduction to the Functioning Process of Embedded Paratext of Digital Literature: Technoeikon of Digital Poetry." *The Journal of Digital Scholarship in the Humanities*, Oxford University Press, Vol. 34, No. 3, Sep 2019, pp 646-660. DOI : 10.1093/llc/fqy064.

T., Shanmugapriya, Andy Campbell and Nirmala Menon. "THANNER KUHAI 'The Water Cave' – A VR Poetry Experience." Digimag 78, 2018, pp. 20–26. http://www.digicult.it/wp- content/uploads/digimag78.pdf.

T., Shanmugapriya and Deborah Sutton. "'Lost water! Remains Scape?': Transformation Waterscapes in Coimbatore from past to present through digital poetry." ELO 2021 Conference and Festival: Platform (Post?) Pandemic, *Electronic Book Review*, 2021. (Conference proceeding).

T., Shanmugapriya and Nirmala Menon. "First and Second Waves of Indian Electronic Literature." *Journal of Comparative Literature and Aesthetics*, Vol. 42, No. 3, 2019, pp.51-57.

T., Shanmugapriya and Nirmala Menon. "Locating New Literary Practices/Expressions in Indian Digital Spaces." *MATLIT: Materialities of Literature*, Vol. 6, No.1. Aug. 2018, pp 159-174. DOI: 10.14195/2182- 8830_6-1_11 (Peer-reviewed conference proceeding).

T., Shanmugapriya, Shaifali Arora, and Nirmala Menon. "Developing Database for Scholarship in Indian Languages and Literatures: Multilingual Literary Research (MLR) Digital Project." *Asian Quarterly: An International Journal of Contemporary Issues (AQ),* Vol. 15, No. 4, Feb. 2018, pp 85-99.

Book Chapters

T., Shanmugapriya and Deborah Sutton. "The Digital Poetics of Lost Waterscapes in Coimbatore, South India" In *Routledge Handbook of the Digital Environmental Humanities* edited by Luke Bergmann, Arlene Crampsie, Deborah Dixon, Steven Hartman, Robert Legg, Francis Ludlow and Charles Travis. Routledge, 2022. (In press)

T., Shanmugapriya, Nirmala Menon and Deborah Sutton. "Quantitative Stepwise Analysis of Indian English Novels 1947-2017." In *Confronting the 'Global', Exploring the 'Local': Digital Apprehensions of Poetics and Indian Literature(s)* edited by Nishat Zaidi and A Sean Pue. Routledge, 2022. (In press)

Longkumer I Watitula, **Shanmugapriya T** and Nirmala Menon, "A Quantitative Study Identifying Indigenous Aesthetics in Novels from the North-East India (2006-2018)." In *Multidisciplinary Research: Trends and Prospects* edited by I Watitula Longkumer and Meera Vasani. Macmillan India Education, 2019. (peer-reviewed conference proceeding)

Menon, Nirmala and **Shanmugapriya T**. "Digital humanities in India: Pedagogy, Publishing and Practices." In *Exploring Digital Humanities in India* edited by Nidhi Kalra and Maya Dodd. Routledge, 2020.

T., Shanmugapriya, I Watitula Longkumer, Deborah Sutton and Mohanapriya, "Opportunities and Challenges in Developing Digital Applications For Historical and Cultural Heritage Studies." In *Digital Humanities in Context: Interdisciplinary Perspectives*, edited by Ujjwal Jana. ARC Humanities Press, 2021 (Under review)

T., Shanmugapriya and I Watitula Longkumer. "Digital Infrastructure for Digital Humanities Research and Teaching in India." In *Digital Humanities In India* edited by Nirmala Menon, Maya Dodd and Dibyadyuti Roy. Cambridge University Press, 2021 (Under review)

DIGITAL GAMES AND CREATIVE WORKS

- Campbell, Andy, **Shanmugapriya T** and Alex Rushfirth, "Thanner Kuhai (The Water Cave)", One to One Development Trust, UK, 2018. https://dreamingmethods.com/record/thanner-kuhai/
- **T., Shanmugapriya**, "Lost water! Remainscape?" Digital Poetry of Kongunadu Water Bodies, Lancaster University and AHRC, 2022. https://www.lancaster.ac.uk/fass/digital-india/instruction/
- Campbell, Andy and **Shanmugapriya T**. "The Lost Oasis", One to One Development Trust, UK, 2022 (https://dreamingmethods.com/portfolio/the-lost-oasis/ , Under construction)
- **T., Shanmugapriya,** Dharan Raj and Andy Campbell. "Karur Water Game", One to One Development Trust, UK, 2022 (Under construction)

MEDIA, MAGAZINE AND INTERVIEW

- **T., Shanmugapriya.** "An Introduction to Natural Language Toolkit(NLTK): Experimenting with Indian English Short Stories". *DHARTI India, Medium*, 22 May 2020. https://dharti-india.medium.com/an-introduction-to-natural-language-toolkit-nltk-experimenting-with-indian-english-short-stories-d238ebfcee89.
- Lund, Lakshmi. "Researcher understakes study to compare status of Coimbatore's water bodies from British era". *Simplicity*, 30 April 2021. https://simplicity.in/coimbatore/english/news/87923/researcher-undertakes-study-to-compare-status-of-coimbatores-water-bodies-from-british-era-here-are-the-highlights .

DIGITAL HUMANITIES SAMPLE SYLLABUS BOOK

- **T., Shanmugapriya.** *Coding in the Humanities through Python (CHP)*, Jupyter Book, 2022. https://github.com/dharanpreethi/Coding-in-Humanities-through-Python.

WEB APPLICATION

- **T., Shanmugapriya,** Mohanapriya and Deborah Sutton, 'Neer', Lancaster University.

INTERACTIVE MAP

- **T., Shanmugapriya,** British India Coimbatore Water Transformation(1916-2021), Leaflet, Lancaster University, https://www.lancaster.ac.uk/fass/digital-india/data-map/.

REVIEWER

- 2022-present: Digital Humanities Quarterly

PARTICIPATION IN THE DH RESEARCH AND RESEARCH PROJECT

- 2022- The Dragoman Renaissance Research (PI: Dr. Natalie Rothman, Department of Historical and Cultural Studies, University of Toronto Scarborough)
  DH Consultant and Technician: Corpus building and text mining using SciNet High Computing Performance, University of Toronto, Ontario.
- 2022-Creating Glossaries and Encyclopedia entries for Electronic Literature, Electronic Literature Directory
  Researcher: Electronic Literature Organization, Washington State University Vancouver, USA.
- 2022: DH Mapping for a Critical Digital Humanities in Tamil: Collections, Pedagogy, Community
  Researcher (PI: Bhavani Raman, Department of Historical and Cultural Studies, University of Toronto Scarborough)
- 2022- Decolonizing Archives of Water: Data Justice and Critical Cartography for a Postcolonial Coastal City, Chennai.
  Researcher and Project Management (PI: Bhavani Raman, Department of Historical and Cultural Studies, University of Toronto Scarborough)
- 2022- Brenda Beck's Kongu Nadu Archive, University of Toronto Scarborough
  Lead researcher (Working with Kirsta Stapelfeldt, DSU, University of Toronto Scarborough)
- 2020-21: AHRC Project: Digital Innovation in Water Scarcity in Coimbatore, India
  Lead researcher of the project (PI: Deborah Sutton, Department of History, Lancaster University)
- 2019-20: Scheme for Promotion of Academic and Research Collaboration (SPARC) Project: A Digital Narratology of Technology as Literary Actors and Artefacts of Settings in Indian English Novels
  Lead researcher of the project (PI: Nirmala Menon and Kapil Ahuja, IIT Indore, International PI: Deborah Sutton and Paul Rayson, Lancaster University)
- 2018: *#Metoo* India Project
  Lead researcher and worked with Nirmala Menon, IIT Indore and Rajesh Sharma, University of Tartu
- 2016-20 Developing Database for Scholarship in Indian Languages and Literatures: Multilingual Literary Research (MLR) Digital Project
  Worked on the project with Nirmala Menon, IIT Indore
- 2019: A Quantitative Study Identifying Indigenous Aesthetics in Novels from the North-East India (2006-2018)
  Worked on the project with I Watitula Lonkumer

TECHNICAL SKILLS

Software and Tools and Applications

- Adobe Animate-Multimedia authoring and computer animation program
- Adobe Photoshop—Image editing
- Antconc—Concordance and text analysis
- ArcGIS—Analysing geospatial data
- Atlas.ti—Qualitative Data Analysis
- Cytoscape—Network analysis
- Gephi—Network analysis
- Microsoft Office 365—Text and data editing and formatting
- QGIS—Analysing geospatial data
- Unity—Game Designing Software

Programming Languages

- Python
- HTML 5
- JavaScript
- MySQL
- R

I have been working with website development tool Wordpress, and some other online tools such as RAWGraph, Voyant, Tagtog, Recognito and Twine.

INVITED, PLENARY TALKS AND LECTURES

- *Electronic Literature Exploration*, Plenary, Jamia Millia Islamia A Central University, New Delhi, India, January 16-17

2023(upcoming).

- *DH Pedagogy, An Introduction,* Digital Tamil Studies, University of Toronto Scarborough, January 6 (Upcoming)
- *Teaching Database,* Invited lecture in Indian Institute of Technology Jodhpur, India 29 March 2022
- *Teaching Text Mining*, Invited lecture in Indian Institute of Technology Jodhpur, India, 12 -13 February 2022
- *Mapping the transformation of water bodies from British Period (1799) to present in Coimbatore*, *India*. Invited talk in Environmental History Workshop, UK, 22 December 2021.
- *Digital Application for Indian Digital History*. Invited talk in Delhi Comparatists, Digital Humanities Research Forum, University of Delhi, New Delhi, India, 26 September 2021.
- *Digital Applications and Approaches: Cultural Records of Water History*. Invited talk in Department of South Asian Civilization, University of Toronto, Canada, 22 September 2021.
- *Quantitative Analysis of Indian English Novels*. Invited talk in Seshadripuram Evening Degree College, Bangalore, India, 17 April 2021
- *Transformation of waterbodies in Coimbatore from 19th century to present*. Invited talk in Department of Social Work, Bharathiar University, Coimbatore, India, 28 March 2021.
- *Tracing and Tagging {Indian} electronic literature*. Invited talk in Department of Indian and World Literatures, The English and Foreign Languages University, Hyderabad, India, 10 March 2021.
- *Quantitative Stepwise Analysis of Indian English Novels 1947-2017*. Plenary in "Confronting the 'Global', Exploring the 'Local': Digital Apprehensions of Poetics and Indian Literature(s)", Jamia Millia Islamia A Central University, New Delhi, India, 21-20 December 2020.
- *Intersecting Indian Electronic Literature and Indian Digital Humanities*. Invited talk in *Electronic Literature as DH* for the Digital Humanities Alliance for Research and Teaching Innovations or DHARTI, 20 December 2020.
- *The Impact Of Technological Devices And Digital Technologies In/On Post-Independence Indian English Literature: Narrative, Publishing And Praxis*. Invited talk for the Ghent Centre for Digital Humanities, the Digital Humanities Lab at NOVA University Lisbon and Digital Humanities Hub, Lancaster University, UK, 12 November 2020.
- *Data Types in Digital Humanities*. Plenary in "Mapping Digital Humanities In/On India: Access, Tools and Criticism" at Jamia Millia Islamia A Central University, New Delhi, India, 16-18 October 2020.
- *Emerging Scholar DH Journey*. Invited talk at "Mapping Digital Humanities In/On India: Access, Tools and Criticism" at Jamia Millia Islamia A Central University, New Delhi, India, 16-18 October 2020.
- *Introduction to NLTK*. Invited talk in "Mapping Digital Humanities In/On India: Access, Tools and Criticism" at Jamia Millia Islamia A Central University, New Delhi, India, 16-18 October 2020.
- *Teaching Digital Tools*. Plenary in "Digital Humanities: Tools, Texts and Theory" at Indian Institute of Technology Indore, India, 19 -25 March 2016.

PART OF CONFERENCES/WORKSHOPS ORGANIZING COMMITTEE
- Workshop on Hands-on-training in DH methods and tools, Department of Historical and Cultural Studies, University of Scarborough, Winter (upcoming) (Organizing and conducting).
- Workshop on Historical/Counter -Mapping in QGIS, Digital Tamil Studies, University of Toronto Scarborough, January 6, 2023 (upcoming) (Conducting).
- Digital Ontologies Working Group Meeting, Jackman Humanities Institute (JHI), University of Toronto, November 25(conducted with Natalie Rothman and Adrien Zakar).
- Workshop on Unity Game Designing Software with Andy Campbell, Critical Digital Humanities Initiative (CDHI) University of Toronto, July, 2022 (Conducted and participated).
- Creating Interactive Map Workshop, Critical Digital Humanities Initiative (CDHI) University of Toronto, June 13-15, 2022 (Conducted and participated).
- "The Digital Divides: Discontents, Debates and Discussions" Digital Humanities Alliance for Research and Teaching Innovations (DHARTI) 2022 Conference, 21 February – 25 February 2022.
- "DH in India: Contestations, Connections and Collaborations" Digital Humanities Alliance of India (DHAI), Annual Conference at the Indian Institute of Management (IIM) Indore, India, 1-2 June 2018.
- "Digital Humanities: Tools, Texts and Theory" Global Initiative of Academic Networks (GIAN) workshop at Indian Institute of Technology (IIT) Indore, India.19-25 March 2016.
- "International Conference on Culture Through Language and Literature". University Grants Commission (UGC) Conference at the Bharathiar University, Coimbatore, India. 6-7 February 2015.

SELECTED NATIONAL AND INTERNATIONAL CONFERENCE ACCEPTANCE AND PRESENTATION
- "Imagining Digital Humanities Friendly Careers"(Panel), Building Digital Humanities, Western Sydney University, 7-25th November 2022.
- "Karur Water Game"—Critical Digital Humanities Initiative Fourth Annual Conference, University of Toronto, 30 September-1 October, 2022. (Accepted)
- Education on diversity and sustainability: Whose e-lit is it anyway? (Panel), ELO 2022, E-Lit, ELO Conference 2022 Education, Como, Italy, Electronic Literature Organization, May 30-June 1, 2022
- "'Lost water! Remainscape?': Transformation of Waterscapes in Coimbatore from past to present through digital poetry" —ELO 2021 Conference and Festival: Platform (Post?) Pandemic, Bergen, Norway, Electronic

Literature Organization, 26-28 May 2021.
- "Advantages & Challenges in Developing Web Application for Indian Historical Texts" — SPARC-UKIERI Digital Heritage, Lancaster University, 19, 26, 31 March 2021.
- "Transformation of Water Bodies in South India in Digital-An Introduction" is accepted at the ICDL 2019 - Digital Transformation for an Agile Environment, The Energy and Resources Institute, New Delhi, India. 6- 8 November 2019. (Accepted)
- "'Thanner Kuhai, The Water Cave' – A VR Poetry Experience in Tamil and English Languages" is presented at the Languages INTER Networks, Lancaster University, UK, 20-22 June 2019.
- "'Thanner Kuhai, The Water Cave' – A VR Poetry Experience"—presented at the Digital Humanities Alliance of India Conference, Annual Conference, Indian Institute of Management Indore, India, 1-2 June 2018.
- "Locating Literary Practices/Expressions in Indian Digital Spaces" presented at the Electronic Literature Organization, Annual Conference, University of Fernando Pessoa, Porto, Portugal, 19 -22 July 2017.
- "Developing Database For Scholarship In Indian Languages And Literatures" —accepted at the Alliance of Digital Humanities Organizations, Annual Conference, McGill University, Montreal, Canada. 8-11 August 2017. (Accepted)
- "Present and Future of Digital Ecology: Performance of Digital Poetry in the Transitional Phases" — presented at the 5th International Conference on Language, Literature and Culture, Institute of Advanced Studies of English, Pune, India, 3 -5 February 2017.

PARTICIPATED IN THE NATIONAL AND INTERNATIONAL WORKSHOPS, SUMMER AND WINTER SCHOOLS
- Participated in DHSI 2022 Workshop: Critical Making as Scholarship with P5.JS and Tracery, Canada, June 9, 2022.
- Participated in British Library Workshop on Digital Humanities, The Foyle Suite, Centre for Conservation at the British Library, UK. 6 September 2019.
- Participated in Spatial Humanities Summer School at the Digital Humanities Hub, Department of History at the Lancaster University, UK. 16-19 July 2019.
- Participated in Digital Humanities Workshop on "Multifaceted engagements with Cultural Heritage" at the Centre for the Study of Developing Society, New Delhi and funded by the Arts and Humanities Research Council (AHRC), UK. 11-12 April, 2019.
- Participated in Digital Humanities Workshop at the Indian National Trust for Art and Cultural Heritage, New Delhi and funded by the Arts and Humanities Research Council (AHRC), UK. 15-16 April, 2018.
- Participated in Digital Humanities Winter School at the Institute of Advanced Studies in English, Center for Digital Humanities, Pune, India. 10-11 December, 2016.
- Participated in Global Initiative of Academic Networks (GIAN) workshop on "Digital Humanities: Text, Tools, Theories" at the Digital Humanities Publishing Studies Research Group, Indian Institute of Technology Indore, India. 19-25 March 2016.

PROFESSIONAL MEMBERSHIPS AND POSITIONS
- 2022-present: Member of Critical Digital Humanities Initiative, University of Toronto
- 2021-present: Electronic Literature Organization, Washington State University Vancouver
- 2019-present: Interim Committee Member of Digital Humanities Alliance for Research and Teaching Innovations (DHARTI).
- 2019-20: PhD Student Representative of Internal Complaints Committee (ICC) at the IIT Indore
- 2017-18: Electronic Literature Organization, Washington State University Vancouver

EDITOR
- Menon, Nirmala, **Shanmugapriya T,** Deborah Sutton and Justy Joesph, editors*. Indian Electronic Literature Anthology, Volume 1*. Editors, KSHIP IIT Indore, India and Ubiquity Press, UK, 2022. (Upcoming)

WEBSITE ADMINISTRATION
- 2017-20: Admin, content writer and developer of the Digital Humanities and Publishing Research Studies Group website (http://people.iiti.ac.in/~dhiiti/).
- 2021-present: Admin and content writer of the Digital Innovation in Water Scarcity Coimbatore, India project website (https://www.lancaster.ac.uk/fass/digital-india/).