

Nupoor Ranade

DEPARTMENT OF ENGLISH · CARNEGIE MELLON UNIVERSITY

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♣ SHE/HER | ✉ nupoor@cmu.edu | 🏠 Nupoor Ranade

Academic Positions

Assistant Professor of Rhetoric & Technical Communication, Department of English

CARNEGIE MELLON UNIVERSITY, PITTSBURGH, PA US

Aug. 2024 - Present

- Faculty in the Professional and Technical Writing (MA) & Writing and Rhetoric (PhD) programs

Assistant Professor, Department of English

GEORGE MASON UNIVERSITY, FAIRFAX, VA, US

Aug. 2021 - June 2024

- Faculty in the Professional and Technical Writing (MA) & Writing and Rhetoric (PhD) programs

Education

Doctor of Philosophy (Communication, Rhetoric and Digital Media)

GPA: 4.0

NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NC, US

Aug. 2017 - Jun. 2021

- Dissertation: Re-contextualizing audience analysis: New conceptualizations of user interactions in product documentation spaces

Master of Science (Technical Communication)

GPA: 4.0

NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NC, US

Aug. 2015 - May 2017

- Capstone project: Developing an open source documentation theme using jekyll
- Certificate of Accomplishment in Teaching (CoAT)
- Graduate Certificate in Digital Humanities

Bachelor of Engineering (Computer Engineering)

GPA: 3.25

PUNE INSTITUTE OF COMPUTER TECHNOLOGY, UNIVERSITY OF PUNE, PUNE, IN

Aug. 2008 - May 2011

- Final project: User interface to simulate configuration of cloud topology

Research Grants

Total funding (including collaborative) from 8 grants: \$171,378; PI on 3 external grants and 2 internal grants; Co-PI on 2 external grants and 1 internal grant.

EXTERNAL GRANTS

Commonwealth Cyber Initiative's Hub (CCI): Securing Interactions between Humans and Machines,			
2023	Automated Privacy Positioning with Context-Awareness in Wearable Technology. Yu, B. (PI), Ranade, N. (co-PI), Zhang, L. (co-PI) & Menon, N. (co-PI)		\$60,000
2022	CCI Northern Virginia Node: Human Behavior and Cybersecurity , Impact of Human Behavior in Autonomous and Mixed Traffic Environments. Zhang, L. (PI), Ranade, N. (co-PI), Menon, N. (co-PI)		\$40,000
2021	Council for Programs in Technical and Scientific Communication (CPTSC) , Investigating data analytics as a pedagogical practice for technical communication Ranade, N. (co-PI) & Hocutt, D. (co-PI)		\$2000
2020	Association of Business Communication (ABC) , Margaret (Marty) Baker Graham Research Grant		\$500
2018-19	SAS-CHASS Graduate Industrial Traineeship , Proposal for Research Position		\$29,808

INTERNAL GRANTS

2023	Stearns Center Anti-Racist and Inclusive Teaching Mini-Grant , Anti-Racist Research Practices in Professional and Technical Writing. Ranade, N. (PI) & Green, M. (co-PI)		\$3,000
2022-23	4-VA@Mason Collaborative Research Grant , Ethical Data Analytics: Investigating Data Analytics as a Pedagogical Practice for the Humanities, Ranade, N. (PI), Hocutt, D. (consultant), Richards, D. P. (co-PI), Wourman, J. (co-PI) & Baniya, S. (co-PI)		\$19,570
2022	Anti-Racism and Inclusive Excellence Task Force, Course Impact Grant, GMU , Responsible Technology Futures – Revision of IT 304 - IT in the Global Economy. Johri, A. (PI) Ranade, N. (co-PI)		\$16,500

Publications

Total citations: 142 (Google Scholar link); Published/In-press: 14 peer-reviewed journal articles, 8 peer-reviewed conference proceedings, 2 peer-reviewed book chapters; Under revision: 1 journal article, 1 book chapter.

Note: Impact factor listed only if greater than 1. * denotes student research assistants or graduate students advised.

Peer-reviewed research

BOOK PROJECTS

- **Ranade, N.** & Hocutt, D. (Contract expected by August 2024). Data Analytics in Technical and Professional Communication. *WAC Clearinghouse*.
- **Ranade, N.** & Eyman, D. eds. (Manuscript under review). Composing With Generative AI. Computers and Composition Digital Press. *Utah State University Press*.

JOURNAL ARTICLES

1. **Ranade, N.** (Invited contribution under review) Ethical editing using rhetorical principles. *American Medical Writers Association (AMWA)*.
2. **Ranade, N.** & Saravia, M.* (Forthcoming December 2024) Teaching AI ethics in technical and professional communication: A systematic review. *IEEE Transactions on Professional Communication*. (pp. 21) **(Impact factor: 1.447)**
3. **Ranade, N.** (2024) Understanding the Hidden User for Content Strategy *Technical Communication*. 71(3), 73-91. **(Impact factor: 1.5)**
4. Hocutt, D., **Ranade, N.**, Chen, J. & Davis, K. (2024). Data analytics for TPC curriculum. *Programmatic Perspectives*, 15(1), pp. 200-209.
5. Stambler, M., **Ranade, N.**, Hocutt, D., Fonash, S., Campbell, J., Davis, K., Duin, A., Pedersen, I., Tham, J., Veeramoothoo, S. & Verhulsdonck, G. (2024) Beyond digital literacy: Integrating threshold concepts in technical communication pedagogy to foster engagement with digital life. *Technical Communication Quarterly*, 34. 1-21.
6. **Ranade, N.**, Saravia, M.* & Johri, A. (2024) Using rhetorical strategies to design prompts: a human-in-the-loop approach to make AI useful. *AI & Society*, 1-22. **(Impact factor: 2.1)**
7. Chen, J.*, Hughes, S.* & **Ranade, N.** (2023) Reimagining student-centered learning through syllabi design. *Computers and Composition*. 67, 102751, 1-15 **(Impact factor: 2.20)**
 - **Awarded** the 2024 CCCC Technical and Scientific Communication Award for Best Article on Pedagogy or Curriculum
8. Hocutt, D., **Ranade, N.** & Verhulsdonck, G. (2022) Localizing content: The roles of technical & professional communicators and machine learning in personalized chatbot responses. *Technical Communication*. 69(4). 114-131. **(Impact factor: 1.5)**
 - **Awarded** the 2023 Frank R. Smith Award for Outstanding Article in Technical Communication
 - **Awarded** the 2024 CCCC award: Best Original Collection of Essays in Technical or Scientific Communication
9. **Ranade, N.** & Swarts, J. (2022) Infrastructural support of users' mediated potential. *Communication Design Quarterly*. 10-21
10. Melonçon, L., & **Ranade, N.** (2021). Introduction to Special Issue on Accessibility. *IEEE Transactions on Professional Communication*, 64(3), 215-220.
11. Davis, K., Hocutt, D., Stambler, D., Veeramoothoo, C., Tham, J., Duin, A.H., **Ranade, N.**, Misak, J. and Pedersen, I., (2021). Fostering student digital literacy through the Fabric of Digital Life. *Journal of Interactive Technology and Pedagogy*.
12. Itchuaqiyaq, C. U., **Ranade, N.** & Walton, R. (2021). Theory to query: Developing a corpus-analysis method using computer programming and human analysis. *Technical Communication*. 68(3), 7-28. **(Impact factor: 1.5)**
13. **Ranade, N.** & Catá, A. (2021). Intelligent algorithms: Evaluating the design of chatbots and search. *Technical Communication*. 68(2), 22-40. **(Impact factor: 1.5)**
14. Tham, J., Hocutt, D., Burnham, K., **Ranade, N.**, Misak, J., Duin, A.H., & Pedersen, I. (2021). Metaphors, mental models, and multiplicity: Understanding student perception of digital literacy. *Computers and Composition*. 59, 102628. **(Impact factor: 2.20)**
 - **Awarded** the 2022-23 Ellen Nold Award Outstanding Article in *Computers and Composition*
15. Stone, M. M., **Ranade, N.**, Hannah, M. (2020). DIY feminist pedagogies: Making feminist practices more apparent in technical rhetorics. *MAI: Feminism & Visual Culture: Special Issue on Feminist Pedagogies*. 5.
16. **Ranade, N.** & Swarts, J. (2019) The humanist in information centric workplaces. *Communication Design Quarterly*. 7(4). 17-31.

CONFERENCE PROCEEDINGS

1. Smith, A., **Ranade, N.** & Baniya, S. (2021). Local users, global takeaways: Methodological considerations for audience advocacy in communication design research. In *The 39th ACM International Conference on Design of Communication (SIGDOC '21)*. Association for Computing Machinery, New York, NY, USA, 269-276.
2. **Ranade, N.** (2020). The real-time audience: Data analytics and audience measurements. *Proceedings of the 38th ACM International Conference on the Design of Communication*. Article 48
3. Kong, Y., **Ranade, N.**, Chen, J. & Hannah, M. (2020). A critical look at computational methods and tools in corpus analysis. *Proceedings of the 38th ACM International Conference on the Design of Communication*. Article 12.
4. **Ranade, N.** & Kong, Y. (2020). Extended abstract: Off-the-shelf or custom software: Making the right choice for corpus analysis. In *the Proceedings 2020 IEEE International Professional Communication Conference (ProComm)*, Kennesaw, GA, USA, pp. 180-181
5. **Ranade, N.** (2019). The conundrum of data analytics for audience analysis. *Proceedings for 2019 CPTSC Annual Conference*, Carnegie, T. (Ed.). 53-54.
6. Ding, H., **Ranade, N.**, & Catá, A. (2019). Boundary of content ecology: Chatbots, user experience, heuristics, and pedagogy. *Proceedings of the 37th ACM International Conference on the Design of Communication*. Article 38.
7. **Ranade, N.** (2019). Conditional usability testing for UX optimization. *Proceedings of the 37th ACM International Conference on the Design of Communication*. Article 49.
8. **Ranade, N.** (2018). Ways to combat fake content using multi-literacies in technical communication classrooms. *Proceedings of Computers and Writing Conference: 2017*, Ball, C., Chen, C., Purzycki, K. & Wilkes, L. (Eds.). Fort Collins, CO: The WAC Clearinghouse. 99-111.

BOOK CHAPTERS

1. Messina, C.M., **Ranade, N.** & Rea, A. (Under revision) A Feminist Coding Heuristic in *Feminist Design Rhetorics: Theories, Practices, and Pedagogies for Building Equity and Collective Justice* Ravel, K., Sullivan, R. & and Prins, K. (Eds.)
2. **Ranade, N.** Social innovation (2024) in *Keywords in Making: A Rhetorical Primer*. Tham, J. (Ed.) Parlor Press.
3. **Ranade, N.** AI for editing. (2023) in *TextGenEd: Teaching with Text Generation Technologies*, Vee, A., Laquintano, T. & Schnitzler, C. (Eds). WAC Clearinghouse.

EDITED WORKS

1. **Ranade, N.** & Eyman, D. eds. (2024). Special Issue on Composing With Generative AI. *Computers and Composition*
2. **Ranade, N.** & Berger, A. eds. (2024). Special Issue on Bringing industry and academia together to meet the training and development needs of technical communicators. *STC Intercom*.
3. Melonçon, L. & **Ranade, N.** eds. (2021). Special Issue on Accessibility in professional communication. *IEEE Transactions on Professional Communication*.
4. Hughes, S. & **Ranade, N.** eds. (August 2019). The “New Normal”. *Digital Rhetoric Collaborative Blog Carnival 19*. Retrieved from <https://www.digitalrhetoriccollaborative.org/category/conversations/blog-carnival/blog-carnival-19/>

REVIEWS

- **Ranade, N.** (2020) Visual rhetorical analysis and review of virtual Martin Luther King, Jr. Project, *Kairos: A Journal of Rhetoric, Technology, and Pedagogy*. 24(2).
- **Jalindre (née), N.** (2018). Review of Teaching and training for global engineering perspectives on culture and communication practices by St. Amant, K. & Flammia, M. (Eds.). Hoboken, NJ: Wiley-IEEE Press, 2016, 272 pp. *Technical Communication Quarterly*. 28(4), 435-437.

WEBTEXTS

1. **Ranade, N.** (2024). Artificial Neural Networks and Human Biology: Going beyond computers to understand GPTs. *Digital Life Institute*. Retrieved from <https://tinyurl.com/NR-DLI-BNN-ANN>
2. **Ranade, N.** & Straub, D. (March 2024). AI and technical communication: enemy or ally? *TCWorld Magazine*. Retrieved from <https://tinyurl.com/NR-AIandTC>
3. Hocutt, D. & **Ranade, N.** (2023). Who is our audience? Understanding critical data literacy with AI in Technical Communication (TC) *Digital Life Institute*.. Retrieved from <https://tinyurl.com/45nty68x>
4. **Ranade, N.** (2019). World Interaction Design Day event report on gendered AI. *Digital Rhetoric Collaborative Blog*. Retrieved from <https://tinyurl.com/y5dt24n4>
5. Hocutt, D. & **Ranade, N.** (2019). Google analytics and its exclusions *Digital Rhetoric Collaborative Blog Carnival 16*. Retrieved from <https://tinyurl.com/yxtdddhr>
6. **Jalindre (née), N.** (May 29, 2019). What can we learn from Clippy about AI? *SAS Blogs*. Retrieved from <https://tinyurl.com/y25qs5dy>
7. **Jalindre, N.** (Oct 15, 2018). Event recap: WritersUA conference 2018. *STC Carolina blog*. Retrieved from <https://tinyurl.com/y6qzjujq>
8. **Jalindre, N.** (Mar 07, 2017). Recap on documentation support for an IoT product, a case study. *Carolina Communiqué*. Retrieved from <https://tinyurl.com/NR-IOT-Event-stc>

Honors & Awards

2023-24	CCCC Technical and Scientific Communication Award for Best Article on Pedagogy or Curriculum, Computers and Composition	
2022-23	Ellen Nold Award for Outstanding Article, Computers and Composition	
2023	Frank R. Smith Award for Outstanding Article, Society of Technical Communication	
2022	CCCC Scholars for the Dream Travel Award, National Council of Teachers of English (NCTE)	
2019-21	Graduate Fellowship, Sweetland Digital Rhetoric Collaborative	\$1000
2019	Winner, 1st place, Microsoft Student Research Competition, ACM Special Interest Group on Design of Communication (SIGDOC)	\$500
2019	Travel Award, Microsoft Student Research Competition, ACM SIGDOC	\$500
2019	Travel Award, Association for Business Communication	\$400
2018	Emerging Scholar Award, Common Ground Research Networks	\$347
2017-19	Scholar Award, Humanities, Arts, Science, and Technology Alliance and Collaboratory (HASTAC)	\$500

Presentations

Invited talks

KEYNOTES

- **Ranade, N.** (May, 27 2024). Ethics by Design: Generative AI in Instructional Design and Higher Education. Symposium on AI and Education: Implications for Instructional Design and Human Performance Technology. Concordia University, Montreal, QC, Canada
- **Ranade, N.** (Oct, 2021). The current state of Technical Communication. 39th ACM International Conference on the Design of Communication. The Raleigh Hub. Raleigh, NC.

INTERNATIONAL

- **Ranade, N.** (February, 29 2024). Artificial Intelligence & Technical Communication. International University Network in Technical Communication. (virtual meeting). TEKOM European Association for Technical Communication
- **Ranade, N.** & Hocutt, D. (2022). Investigating data analytics with AI for user analysis in TC. COM & TEC Italy Associazione Italiana per la Comunicazione Technica, TEKOM European Association for Technical Communication. Italy (virtual) (Workshop).
- Duin, A.H., Hocutt, D., Pedersen, I., **Ranade, N.**, Tham, J. & Verhulsdonck, G. (2022). Smart/Datafied/Autonomous: How artificial intelligence creates new roles and tasks for technical communication. COM & TEC Italy Associazione Italiana per la Comunicazione Technica, TEKOM European Association for Technical Communication. Italy (virtual).

NATIONAL

- **Ranade, N.** & Lussos, R. (2023) Conscious and Inclusive Communication. Professional development presentation conducted for University of Rochester's fundraising and communication teams.
- **Ranade, N.**, Pettitway, K. & Simoneaux, B. (2023). Year 4 in CRDM: Dissertating while on the job market. Communication, Rhetoric and Digital Media Program Colloquium, NC State University, Raleigh, NC. (Panel)
- Ridolfo, J. (host), **Ranade, N.**, Smith, A., Wourman, J., Brooks, K., Custer, J. & Green, M. (2022) Lessons from the Field: What Graduate Program Directors and Current Doctoral Students Can Learn from Applicants on the 2020-2021 Job Market 2022 CCCC Annual Convention. (Panel)
- **Ranade, N.**, Hocutt, D., Tham, J. & Verhulsdonck, G. (2021) How might disciplines and professions understand augmentation technology and build digital and artificial intelligence (AI) literacy to foster humane futures? Graduate seminar on Humane Futures: Augmentation Technologies and Technical Communication, University of Minnesota Twin Cities, Minneapolis, MN. (Panel)
- **Ranade, N.**, Pigg, S. & Johnston, A. (2021). How to organize the job search process? Communication, Rhetoric and Digital Media Program Colloquium, NC State University, Raleigh, NC. (Panel)
- McNeely, G. (moderator), **Ranade, N.**, McCall, S., Smith, C.V. & Dawn, C. (2019). World Interaction Design Day Event (WIDD) talk on Gendered Artificial Intelligence. Ladies that UX. Durham, NC. (Panel)

Conference presentations

INTERNATIONAL

- **Ranade, N.** & Swarts, J. (2024). Competencies and Connections: Toward Bridging the Academic-Industry Gap. 2024 IEEE International Professional Communication Conference (ProComm) Pittsburgh, PA.
- **Ranade, N.** (2023). Ethical Editing: How to Follow, Break, and Change the Rules. STC's Technical Communication Summit 2023, Atlanta, GA
- **Ranade, N.** & Hocutt, D. (2023). Investigating Data Analytics with AI for User Analysis in Technical Communication. STC's Technical Communication Summit 2023, Atlanta, GA
- Duin, A.H., Hocutt, D., Pedersen, I., **Ranade, N.**, Tham, J. & Verhulsdonck, G. (2022). Negotiating Networked Learning Relationships with Augmentation Technologies. Thirteenth International Conference on Networked Learning, Sundsvall, Sweden (virtual).
- Berger, A. & **Ranade, N.** (2021). Reshaping your content analytics approach to meet your KPIs. STC Technical Communication Summit. (virtual).
- **Ranade, N.** (2018). Pedagogical approaches to combat fake news. International Conference on Communication & Media Studies. Berkeley, CA.
- de Souza e Silva, A., Glover-Rijkse, R., **Ranade, N.** & Xiong, M. (2018). Mobile technology and access: Four material approaches that re-contextualize the digital divide. Association of Internet Researchers (AoIR). Montreal, CA. (Panel)
- Sylvia IV, J.J., Johnson, E.T, **Jalindre, N.** & Duarte, F. (2018) Designing an activist pedagogy: Assemblage theory offers opportunities for new lines of flight in Facebook, Amazon Echo, and beyond. 11th International Deleuze and Guattari Conference. São Paulo, Brazil (virtual)
- **Jalindre, N.** (2015). Big data, small world. TCWorld Conference. Bengaluru, IN
- **Jalindre, N.** (2013). Google glasses. STC Annual Conference, India Chapter, Goa, IN.

NATIONAL

- **Ranade, N.** (2023). Teaching AI Writing Tools in the Editing Classrooms. Computers and Writing. Davis, CA.
- **Ranade, N.**, Carradini, S., Hocutt, D. & Cummings, L. (2023) AI in TC: Perspectives from Practice, Teaching and Research. 12th Annual Symposium on Communicating Complex Information. Raleigh, NC
- Ding, H., **Ranade, N.**, & Graham, M. (2023) Learning and Teaching Responsible AI: Approaches and Challenges. 12th Annual Symposium on Communicating Complex Information. Raleigh, NC
- Hocutt, D., **Ranade, N.**, Khan, K.L., Chen, J., Davis, K., Verhulsdonck, G. & Tham, J. (2022) Incorporating Data Analytics as User Analysis Method in TPC Research, Training & Practice. Conference of the Council for Programs in Technical and Scientific Communication (CPTSC), 2022. Colorado Springs, CO.
- Veeramoothoo, C., **Ranade, N.**, & Walwema, J. (2022) Immigration in Academia: The Challenges International Scholars Face. Conference of the Council for Programs in Technical and Scientific Communication (CPTSC), 2022. Colorado Springs, CO.
- Green, M., **Ranade, N.**, & Kong, Y. (2022). Revising Research Methodologies: Challenges of Handling Precarious Data. 40th ACM International Conference on Design of Communication, Boston, MA. (Panel)

NATIONAL (CONTD.)

- **Ranade, N.**, Dorpenyo, I., & Kim, Y. (2022). Cross-disciplinary Actions and Stakeholder Collaborations in Classroom Learning. 40th ACM International Conference on Design of Communication, Boston, MA. (Panel)
- Lussos, R. & **Ranade, N.** (2022) Ethical Editing: How to Follow, Break, and Change the Rules. ACES Accelerate: The Society for Editing's 2022 Conference (virtual)
- Easter, B., Ashley, R., Messina, C. M. & **Ranade, N.** (2022) Centering Feminist Praxis in Coding Literacies, Rhetoric, and Pedagogy. 2022 CCCC Annual Convention.
- Hocutt, D. & **Ranade, N.** (2021) Web Analytics as Complex Information Systems: Preparing Technical Communicators for Wayfinding Solutions that Use Data. 11th Annual Symposium on Communicating Complex Information.
- **Ranade, N.** (chair), Catá, A. & Stone, M. (2021) User experience studies of inclusivity, Association for Teachers of Technical Writing (ATTW). (virtual)
- Breuch, L. K., **Ranade, N.**, Davis, K. & Wold, R. (2021) Critical social media pedagogies in the technical and professional communication (TPC) classroom, Association for Teachers of Technical Writing (ATTW). (virtual)
- **Ranade, N.** (2020). The Real-Time audience: Data analytics and audience measurements. 38th ACM International Conference on the Design of Communication. (virtual). (Poster).
- Kong, Y., **Ranade, N.**, Chen, J. & Hannah, M. (2020). A critical look at computational methods and tools in corpus analysis. 38th ACM International Conference on the Design of Communication. (virtual)(Panel)
- Smith, A, **Ranade, N.** & Baniya, S. (2021). Local users, global takeaways: Methodological considerations for audience advocacy in communication design research. 39th ACM International Conference on the Design of Communication (Panel)
- **Ranade, N.** & Kong, Y. (2020). Off-the-shelf or custom software: Making the right choice for corpus analysis. IEEE Transactions on Professional Communication. (virtual)(Panel)
- **Ranade, N.** (2019). Big data for audience analysis (2020). Computers and Writing. Greenville, NC. (Accepted, canceled due to COVID-19.)
- **Ranade, N.** (2019). The conundrum of data analytics for audience analysis. Association of Business Communication (ABC), 2019. Detroit, MI.
- **Ranade, N.** (2019) The conundrum of data analytics for audience analysis. Conference of the Council for Programs in Technical and Scientific Communication (CPTSC), 2019. West Chester, PA.
- **Ranade, N.**, Hannah, M., Stone, M. & Swarts, J. (2019). Re-Thinking user experience: addressing communication boundaries with TPC stakeholders. 37th ACM International Conference on the Design of Communication, Portland, OR. (Panel)
- Ding, H., **Ranade, N.** & Catá, A. (2019). Boundary of content ecology: Chatbots, user experience, heuristics, and pedagogy. 37th ACM International Conference on the Design of Communication. Portland, OR. (Panel)
- **Ranade, N.** (2019) Conditional usability testing for UX optimization. 37th ACM International Conference on the Design of Communication. Portland, OR. (Poster)
 - **Winner, 1st place**, Microsoft Student Research Competition
- Stone, M., Pigg, S., Hannah, M., **Ranade, N.**, & Frost, E. (2019). Everyday practices that enable the production of spaces for feminist alliance. Feminisms & Rhetorics Conference. Harrisonburg, VA. (Panel)
- Glover-Rijkse, R., Hannah, M. & **Ranade, N.** (2019) Accountability through accessibility in the technical communication classroom. Association of Teachers of Technical Writing About (ATTW). Pittsburgh. PA. USA (Workshop)
- Walls, D. & **Jalindre, N.** (2018). International students' perceptions of mediated P2P review: Subjectivities and experience. Computers & Writing conference, George Mason University, Fairfax, VA.
- **Jalindre, N.** (2018). Ways to combat fake content using multi-literacies in technical communication classrooms. Computers & Writing. George Mason University, Fairfax, VA.
- Pigg, S., Berger, A. & **Jalindre, N.** (2017). Where are we with wayfinding. 6th Annual SCCI Conference. Greenville, NC. (Panel)
- **Jalindre, N.** & Bogomoletz, E. (2018). Using digital rhetoric in visual representation of virtual communities. 7th Annual Symposium on Communicating Complex Information (SCCI). NC.

REGIONAL

- **Ranade, N.** & Green, McKinley (2023). Teaching Anti-Racist Research in Humanities. Innovations in teaching and learning (ITL). George Mason University, Fairfax, VA.
- Eyman, D., Gimm, G., Hashmi, I., **Ranade, N.**, Rios, N. & Zane, P. (2023). Can ChatGPT Write My ____? Considering AI Technologies and Writing Education. Innovations in teaching and learning (ITL). George Mason University, Fairfax, VA.
- **Ranade, N.** (2019) Intelligent dialogue: A chatbot workshop. CRDM Symposium. North Carolina State University, NC, US (Workshop)
- **Ranade, N.** (2018) GitHub for technical communication. SpeedCon 2018. North Carolina State University, NC, US (Workshop)
- **Jalindre, N.** (2017) Mapping complex information with design. (2017). Carolina Rhetoric conference, Raleigh, NC.
- **Jalindre, N.** (2017) Visualizing search queries to improve information design, NC State Graduate Research Symposium, NC, US. (Poster)

Media appearances

INTERVIEW

- **Jalindre, N.** (2018). Alumni Interview. MastersinCommunications.com

PODCASTS

- Flores, W. (co-host) & **Ranade, N.** (co-host) (2020). On the job – Sweetland digital rhetoric podcast. Series of interviews with scholars who recently transitioned into tenure track academic positions. Sweetland's Digital Rhetoric Collaborative Blog.
- Johnson, T. (host) & **Ranade, N.** (2020). Users as producers of knowledge — conversation with Nupoor Ranade about how tech writer roles are changing. I'd Rather Be Writing.
- Wood, C. (host), Larson, K., Kumari, A., Baniya, S., Sparks, K., Lusher, K., **Ranade, N.** & Itchuaqiyag, C. (2019). NextGEN Listserv Moderators. The Big Rhetorical Podcast.

AT CARNEGIE MELLON UNIVERSITY

Digital Rhetorics (76 - 890/490)

1 section

GRADUATE FACULTY, CARNEGIE MELLON UNIVERSITY, DEPARTMENT OF ENGLISH

Fall 2024

- This course helps students examine a variety of digital media as they intersect with humans as well as with theories of rhetoric.
- Students learn to explore digital technology by actively participating in digital spaces and creating digital artifacts.

Professional and Technical Writing (76-870)

1 section

GRADUATE FACULTY, CARNEGIE MELLON UNIVERSITY, DEPARTMENT OF ENGLISH

Fall 2024

- Through readings, discussions, projects, and writing workshops, students develop a rhetorically-grounded approach to analyzing communications problems and producing a range of effective and situation-specific professional documents.

AT GEORGE MASON UNIVERSITY

Equitable AI (ENGH 210)

1 section

UNDERGRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Spring 2023

- This course helps students identify ethical issues through analysis of abstract AI/ML technology.
- Using rhetorical theory and practical frameworks, students learn to evaluate projects and develop guidelines that encourage more fair and equitable algorithmic outcomes.

Research Methods in Professional and Technical Writing (ENGH 502)

1 section

GRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Spring 2023

- Taught theory, methods, and ethics of conducting research in rhetoric and professional writing.
- Students learnt to analyze scholarly work, practiced data collection and analysis and developed independent project proposals.

Proposal Writing and Development (ENGH 509/489)

1 section

GRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Fall 2022

- Taught foundational skills and knowledge required to effectively create proposals for various types of organizations especially government contracting in the DC area.
- Collaborated with industry partners to provide students with live-projects to work on.

User Experience Design (ENGH 690/488)

1 section

GRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Spring 2022

- *Proposed* the Special Topics course
- Helped students understand and apply the fundamental theories, principles, and guidelines of user experience design (UX).
- Collaborated with industry partners to provide students with live-projects to work on.

Professional and Technical Writing (ENGH 388)

3 sections

UNDERGRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Spring 2022, Summer 2022, 2023

- Introduced science and engineering students to genre analysis and various types of workplace communication.
- Assignments emphasized writing and testing content for various audiences in professional and organizational contexts.

Theory and Practice of Editing (ENGH 503/483)

2 sections

GRADUATE FACULTY, GEORGE MASON UNIVERSITY, DEPARTMENT OF ENGLISH

Fall 2021, Fall 2022

- Taught theoretical and practical concerns about language, process, and technology in professional editing contexts.
- Introduced new assignments on content accessibility and AI for editing.

AT NORTH CAROLINA STATE UNIVERSITY

Communication for Engineering and Technology (ENG 331)

5 sections

INSTRUCTOR, NORTH CAROLINA STATE UNIVERSITY, DEPARTMENT OF ENGLISH

Fall 2020 (2), Spring 2017 (2), Fall 2016

- Prepared Syllabus, Course Materials, Assignments and Rubrics to help students develop communication skills for industrial environments.
- Students worked with stakeholders of the MLK project to create useful and accessible documentation.

Communication for Business and Management (ENG 332)

2 sections

INSTRUCTOR, NORTH CAROLINA STATE UNIVERSITY, DEPARTMENT OF ENGLISH

Spring 2020 (2)

- Prepared Syllabus, course materials, assignments and rubrics to help students communicate effectively in workplace contexts.
- Students wrote proposals to solve real-world problems in business and public organizations by analyzing the purpose, audiences, and contexts.

Digital Rhetoric for Artificial Intelligence/Interactions (AI) (ENG/COM 395)

1 section

INSTRUCTOR, NORTH CAROLINA STATE UNIVERSITY, CROSS-LISTED ENGLISH & COMMUNICATION DEPARTMENTS

Fall 2019

- *Won proposal* to teach a course about the influence of emerging technologies on rhetorical theory and practice.
- Taught students how to design, develop and evaluate digital texts like chatbots using programming and rhetorical criticism.

SERVICE TO THE DEPARTMENT

- 2023-24 **Member**, Search committee for Term Faculty, George Mason University
2023 **Presenter**, Course showcase, Department of English, George Mason University
2022-24 **STC coordinator**, Professional and Technical Writing Program, George Mason University
2021-23 **MA and PhD applications reviewer**, Department of English, George Mason University
2022-24 **Co-ordinator & Manager**, Qualtrics services, English Department, George Mason University
2021-23 **Chair & Member**, Outreach Committee, Department of English, George Mason University
2018-19 **Member**, Search Committee, Department of English, NC State University

SERVICE TO THE INSTITUTION

- 2023 **Judge**, 13th annual CHSS Undergraduate Research Symposium, George Mason University
2022-24 **Participant, Responsible Artificial Intelligence Curriculum Design Project**, National Humanities Center, Representing George Mason University
2018 **Program co-ordinator**, WritersUA conference East, NC State University
2017- **Peer Mentor**, Communication, Rhetoric and Digital Media, NC State University
2016-21 **Member**, Technical Communication Association, NC State University
2016 **Event co-ordinator**, SpeedCon 2016 conference, NC State University

SERVICE TO THE FIELD

- 2024- **Invited member**, 7C Ad Hoc Committee on AI
2023 **Faculty leader**, Dartmouth Summer Seminar for Writing Research: A research intensive for faculty
2022 **Judge, Student Research Competition (SRC)**, The Association for Computing Machinery (ACM) Special Interest Group on the Design of Communication (SIGDOC)
2022-24 **Member at Large**, Executive Board, ACM SIGDOC
2022-24 **Member of the Editorial Board**, IEEE Transactions on Professional Communication
2023- **Reviewer**, Journal of Business and Technical Communication
2022- **Reviewer**, International Journal of Human-Computer Interaction
2022- **Reviewer**, IEEE Transactions on Professional Communication
2022 **Conference Proceedings Reviewer**, Computers and Writing 2022
2021- **Associate Editor**, Kairos: A Journal of Rhetoric, Technology, and Pedagogy
2020-21 **Assistant Editor and Intern**, Kairos: A Journal of Rhetoric, Technology, and Pedagogy
2020-23 **Member**, CCCC nextGEN Committee
2020 **Proposal Reviewer**, Association of Business Communication (ABC) Conference
2019- **Proposal Reviewer**, SIGDOC conference
2020-21 **Co-ordinator, Space-making Subcommittee**, Graduate Student Committee CPTSC
2019-21 **Student Representative**, Executive Board, ACM SIGDOC
2019-21 **Moderator**, nextGEN listserv
2016-19 **Annual Writing Competition Judge**, Society of Technical communication (STC), Carolina Chapter
2013-15 **Volunteer and event co-ordinator**, STC Regional Conference, Pune Chapter
2014 **STC City Conference planning committee member**, STC India, Pune Chapter

Advising

- 2023- **Manushri Pandya, ABD**, PhD Committee Member, *NC State University*
2023- **Jen Fehsenfeld, ABD**, PhD Committee Member, *George Mason University*
2023-24 **Hadeel Elbackush**, Undergraduate English Honors Thesis advisor, *George Mason University*
2022-23 **Tamara Noelle Moorman**, MA Thesis advisor, *George Mason University*
2022-23 **Kathryn Jedlika**, MA Thesis advisor, *George Mason University*
2022-23 **Evan Salsieder**, Undergraduate English Honors Thesis advisor, *George Mason University*
2021-22 **Ellie Marie Van Tassel**, Undergraduate English Honors Thesis advisor, *George Mason University*

Supervision for Funded Projects (RAs)

2024	Sasha Cherian , <i>Computer Science</i> , Identifying RQs for project on XAI, Summer RA	Undergraduate
2024	Hadeel Mahmud Elbackush , <i>Rhetoric and Literature</i> , Identifying RQs for project on XAI, Summer RA	Undergraduate
2023	Nathaniel Walker , <i>Technical Writing</i> , UX study on simulated automated vehicle driving, Summer RA	Graduate
2023	Arya Thiruvillakkat , <i>Psychology</i> , UX study on simulated automated vehicle driving, Summer RA	Undergraduate
2023	Reena Samuel , <i>Biology</i> , Ethical Data Analytics research, Summer RA	Undergraduate
2022-23	Marly Saravia , <i>Psychology</i> , Responsible technology and AI Ethics, Summer, Fall & Spring RA	Undergraduate
2022	Arushi Bhatt , <i>Business</i> , UX study on simulated automated vehicle driving, Fall RA	Undergraduate
2022	Evan Salsieder , <i>Rhetoric</i> , AI Ethics and inclusive design, Summer RA	Undergraduate
2022	YoonJi Kim , <i>Rhetoric</i> , User Experience Design and Data Analytics, Summer RA	Graduate

Industry Experience

SAS Institute

Cary, NC, US

GRADUATE RESEARCH ASSISTANT, TECHNICAL COMMUNICATIONS DEPARTMENT

Aug. 2018 - Aug. 2019

- Conducted user behavior analysis through usability studies, user surveys, A/B testing, and Google Analytics
- Triangulated results from Google analytics and usability testing data to make design recommendations to the documentation site
- Made recommendations for content operationalization and search engine optimization
- Conducted audience analysis and content research to kickstart chatbot for sales project
- Worked closely with engineers, usability lab consultants, website developers and accessibility experts

Citrix Systems

Fort Lauderdale, FL, US

INTERN, TECHNICAL WRITER

May 2018 - Aug. 2018

- Developed key performance indicators (KPIs) for audience analysis and for effective documentation
- Conducted customer research for UX designing from data gathered through the annual stakeholders survey
- Assisted in converting documentation files from plain text to Markdown in git environment
- Made content design recommendations to the Marketing, Support and Documentation teams

Palo Alto Networks

Santa Clara, CA, US

INTERN, TECHNICAL WRITER

May 2016 - Aug. 2016

- Conducted usability testing on select documentation topics to make recommendations to the online documentation website
- Converted existing documentation to a context sensitive model in a DITA framework

TIBCO Software Pvt. Ltd.

Pune, MH, IN

TECHNICAL WRITER AND DOCSITE ADMINISTRATOR

Oct. 2013 - Jul. 2015

- Created and maintained product documentation including User guides, (REST) API documentation, Programmer's guides
- Developed and published video tutorials
- Conducted peer reviews and editorial reviews on documentation guides
- Worked closely with engineers, software testers and product managers to deploy documentation in three consecutive release cycles (quarterly)

Airfort Networks

Pune, MH, IN

SOFTWARE DEVELOPER

Aug. 2011 - Oct. 2012

- Designed and developed stand alone software applications in Java and web applications in PHP
- Worked with APIs to build and improve software products

Affiliations

Association for Business Communication (ABC)
Association for Computing Machinery (ACM)
Association of Teachers of Technical Writing (ATTW)
Council of Programs in Technical and Scientific Communication (CPTSC)
IEEE Transactions on Professional Communication (IEEEPCS)
Special Interest Group on Design of Communication (SIGDOC)
Society of Technical Communication (STC)
Write the Docs