Postdoctoral Research Fellow

Media Technology and Interaction Design (MID) KTH Royal Institute of Technology, Sweden

Pronouns: she/her

anupriya@kth.se | https://anupriyatuli.github.io



EDUCATION

| IIIT-Delhi, India Ph.D. Candidate, Human-Centered Design Google Ph.D. Fellow 2021 and Visvesvaraya Ph.D. Fellow (2016-2020) Advisors—Dr Pushpendra Singh (IIIT-Delhi) and Dr Neha Kumar (Georgia Tech, USA) | 2016–2023 |
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| Amity University Uttar Pradesh, India Master of Technology in Information Technology | 2013–2015 |
| Bhagat Phool Singh Mahila Vishwavidyalaya, Haryana, India Bachelor of Technology in Information Technology | 2009–2013 |
| EXPERIENCE | |
| Postdoctoral Research Fellow, Interaction Design Team (KTH, Sweden). Lead and collaborate on projects focusing on designing interactions that foster trust and collective caring among various stakeholders involved in an individuals' reproductive and menstrual journey. | 2024-Present |
| Doctoral Researcher, Mélange Lab (IIIT–Delhi, India) and TanDEm (Georgia Tech, USA). Lead and collaborate on projects on designing digital technologies supporting health and education of the marginalized population in the Indian context. Dissertation research, situated in urban Indian context, investigates the design of digital menstrual technologies to understand how technology design can address cultural taboos and systemic barriers, supporting individuals throughout their menstrual journeys. | 2016–2023 |
| Menstrual Educator, Sachhi Saheli NGO (Delhi, India). Actively engage in designing and conducting workshops/sessions/tools around menstrual health for sensitization and education (including adolescents across genders) and training (teachers and counselors across genders). Contribute in designing data collection tools to study the requirement and impact of workshops/sessions. | 2019-Present |
| Research Intern, Laser Electronics Support Division, RRCAT, Department Of Atomic Energy, Govt. of India. Designed and developed beamline experimental control employing motor controller for precision positioning using Experimental Physics and Industrial Control System (EPICS) and VisualDCT. | Jan.–June 2015 |
| PROJECTS | |
| Doctoral Dissertation Towards Menstrual Mobilities and Period-Positive Ecologies Collaborating with Sachhi Saheli NGO (Delhi, India), primer field practitioner in the domain. | 2017–2023 |
| Technical Advisor SAMYP: Landscaping of Youth Mental Health Policies, Programs and Stakeholders in India at <i>Program for Appropriate Technology in Health (PATH)</i> , India. | 2021–2023 |

Mentor | Investigating and designing strategy for promoting the design of inclusive smartphone applications for semi-literate and illiterate population of India. 2018-2021 Project Lead | Designing a mobile technology for the patients and the caregivers of Schizophrenia for the 2016-2018 facilitation of management of the illness management. Working in collaboration with the Department of Psychiatry, All India Institute of Medical Sciences (AIIMS), Delhi, India. MENSTRUAL EDUCATOR *| DISCUSSANT Nov. 2023 Menstrual Health and AI/Technology (Menstrual Health National Conclave, Delhi, India) Nov. 2022 Wrapped in Secrecy: Toxic Chemicals in Menstrual Products (Toxics Link, Delhi, India) *| REVIEWER Mar 2022 MHHM Curriculum from Primary to Tertiary Education module for India (UNESCO and P&G) *I EDUCATIONAL WORKSHOPS 2019-2021 Conducted "Menstrual Health, Hygiene, and Wellbeing" awareness workshops with adolescents across genders in Govt. schools of Delhi as a part of a team from Sachhi Saheli NGO. *| GUEST SPEAKER Mar. 2021 Technology & Menstruation Health Education (Science For A Billion) Jul. 2020 Discussion on Menstrual Myths and Hygiene, (#ProjectPeriods, 2030 Youth Force, by United Nations) Apr. 2020 Let's talk about periods w/Anupriya Tuli (Innovating Together for a Better India, MakerGhat, Mumbai, India) *| PANELIST Apr. 2021 Menstrual Policy for West Bengal ('Red Conclave' campaign by Paint It Red) Jan. 2021 Period Pedagogy ('Red Conclave' campaign by Paint It Red) *| INVITED TALK

Webinar on Menstrual Health and Hygiene in observation of Menstrual Hygiene Day (Delhi State Legal

Aug. 2020 May 2020

Webinar on Menstruation (Global Shaper Thane Hub, Mumbai, India)

Services Authority-South District & Legalfoxes, Delhi, India)

| 15. | Anupriya Tuli*, Azra Ismail*, Karthik S. Bhat*, Pushpendra Singh, and Neha Kumar. 2023. "Information-Backward but Sex-Forward": Navigating Masculinity towards Intimate Wellbeing and Heterosexual Relationships. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23), Hamburg, Germany. ACM, New York, NY, USA, 16 pages. * Equal contribution to the research. [doi:10.1145/3544548.3581478] | 2023 |
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| 14. | Anupriya Tuli , Surbhi Singh, Rikita Narula, Neha Kumar, and Pushpendra Singh. 2022. Rethinking Menstrual Trackers Towards Period-Positive Ecologies. In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI '22), New Orleans, LA, USA. Association for Computing Machinery, New York, NY, USA, 1–20. [doi:10.1145/3491102.3517662] | 2022 |
| 13. | Gauri Bhatnagar, Pushpendra Singh, Neha Kumar, and Anupriya Tuli . 2022. Unpacking Tensions in Designing Annotation System for Public Toilets to Support Menstrual Mobilities. In Proceedings of the Twelfth International Conference on Information and Communication Technologies and Development (ICTD '22). Association for Computing Machinery, New York, NY, USA, 1–6. [doi:10.1145/3572334.357239] | 2022 |
| 12. | Ayushi Srivastava*, Shivani Kapania*, Anupriya Tuli* , and Pushpendra Singh. 2021. Actionable UI Design Guidelines for Smartphone Applications Inclusive of Low-Literate Users. Proc. ACM HumComput. Interact. 5, CSCW1, Article 136 (April 2021), 30 pages. * Equal contribution to the research. [doi:10.1145/3449210] | 2021 |
| 11. | Anupriya Tuli , Shaan Chopra, Pushpendra Singh, and Neha Kumar. 2020. Menstrual (Im) Mobilities and Safe Spaces. <i>In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20)</i> . Association for Computing Machinery, New York, NY, USA, 1–15. [doi:10.1145/3313831.3376653] | 2020 |
| 10. | Neha Kumar, Naveena Karusala, Azra Ismail, and Anupriya Tuli . 2020. Taking the Long, Holistic, and Intersectional View to Women's Wellbeing. <i>ACM Transactions on Computer-Human Interaction</i> 27, 4, Article 23 (September 2020), 32 pages. [doi:10.1145/3397159] | 2020 |
| 9. | Anupriya Tuli , Shruti Dalvi, Neha Kumar, and Pushpendra Singh. 2019. "It's a girl thing": Examining Challenges & Opportunities around Menstrual Health Education in India. <i>ACM Transactions on Computer-Human Interaction</i> . 26, 5, Article 29 (July 2019), 24 pages. [doi: 10.1145/3325282] | 2019 |
| 8. | Anupriya Tuli , Shaan Chopra, Neha Kumar, and Pushpendra Singh. 2018. Learning from and with Menstrupedia: Towards Menstrual Health Education in India. <i>Proceedings of ACM Human - Computer Interaction</i> . 2, CSCW, Article 174 (November 2018), 20 pages. [doi: 10.1145/3274443] | 2018 |
| 7. | Koushik Sinha Deb, Anupriya Tuli , Mamta Sood, Rakesh Chadda, Rohit Verma, Saurabh Kumar, Ragul Ganesh, and Pushpendra Singh. 2018. Is India ready for mental health apps (MHApps)? A quantitative-qualitative exploration of caregivers' perspective on smartphone-based solutions for managing severe mental illnesses in low resource settings. <i>PLOS ONE</i> . [doi: 10.1371/journal.pone.0203353] | 2018 |
| 6. | Anupriya Tuli , Pushpendra Singh, Mamta Sood, Koushik Sinha Deb, Siddharth Jain, Abhishek Jain, Manan Wason, Rakesh Chadda, and Rohit Verma. 2016. Harmony: Close Knitted mHealth Assistance | 2016 |

for Patients, Caregivers and Doctors for Managing SMIs. ACM Proceedings of International Joint

| | Germany. [doi:10.1145/2968219.2968301] | |
|---------------|---|--------------|
| 5. | Anupriya Tuli , Rajiv Jain, and H. S. Vora. 2015. Development of EPICS Based Beamline Experimental Control Employing Motor Controller for Precision Positioning. <i>Proceedings of Indian Particle Accelerator Conference</i> , InPAC-2015, Department of Atomic Energy, Tata Institute of Fundamental Research. Mumbai, India. [doi:47048513] | 2015 |
| 4. | Anupriya Tuli , Nitasha Hasteer, Megha Sharma, and Abhay Bansal. 2014. Empirical Investigation of Agile Software Development: A Cloud Perspective. <i>ACM SIGSOFT</i> , Volume 39, Issue 4. [doi:10.1145/2632434.2632447] | 2014 |
| 3. | Megha Sharma, Nitasha Hasteer, Anupriya Tuli , and Abhay Bansal. 2014. Investigating the inclinations of research and practices in Hadoop: A Systematic Review. <i>Proceedings of 5th International Conference</i> , <i>Confluence 2014: The Next Generation Information Technology Summit</i> . Uttar Pradesh, India. IEEE. [doi:10.1109/CONFLUENCE.2014.6949381] | 2014 |
| 2. | Anupriya Tuli , Nitasha Hasteer, Megha Sharma, and Abhay Bansal. 2014. Framework to Leverage Cloud for the Modernization of the Indian Agriculture System. <i>Proceedings of EIT 2014: IEEE International Conference on Electro/Information Technology</i> . Milwaukee, USA. [doi:10.1109/EIT.2014.6871748] | 2014 |
| 1. | Anupriya Tuli, Nitasha Hasteer, Megha Sharma, and Abhay Bansal. 2013. Exploring Challenges in Mobile Cloud Computing: An Overview. Proceedings of 4th International Conference, Confluence 2013: The Next Generation Information Technology Summit. Uttar Pradesh, India. IEEE. [doi:10.1049/cp.2013.2364] ARTICLES | 2013 |
| 1. | Margaret Jack and Anupriya Tuli . 2021. Designing for liberation: our lives, mobility, and technology. Interactions 28, 2 (March - April 2021), 34–41. [doi:10.1145/3448020] | 2021 |
| | | |
| | REFEREED WORKSHOPS & POSTERS | |
| 6. | Anupriya Tuli, Pushpendra Singh, and Neha Kumar. 2020. Combating Menstrual Stigma & Advocating for Menstrual Health Education in Urban India. Workshop on Activism. CHI'20. | 2020 |
| - 6. 5. | Anupriya Tuli, Pushpendra Singh, and Neha Kumar. 2020. Combating Menstrual Stigma & Advocating | 2020 2020 |
| | Anupriya Tuli, Pushpendra Singh, and Neha Kumar. 2020. Combating Menstrual Stigma & Advocating for Menstrual Health Education in Urban India. Workshop on Activism. CHI'20. Anupriya Tuli, Pushpendra Singh, and Neha Kumar. 2020. Investigating the Case of Menstrual Health Education in the Urban Environs of India. HCI Across Borders and Sustainable Development Goals | |

Conference on Pervasive and Ubiquitous Computing: Adjunct (UBICOMP/ISWC '16). Heidelberg,

2. Anupriya Tuli, Pushpendra Singh. 2018. Exploring Use of Mobile Technology for Supporting Individuals with Schizophrenia in India. The 3rd Symposium on Computing and Mental Health. CHI'18. 2018 1. Anupriya Tuli, Pushpendra Singh. 2017. In Quest of Seeking Attention of Individuals with Schizophrenia. Workshop on Designing for curiosity workshop. CHI'17. 2017 ORGANIZED WORKSHOPS & EVENTS 4. Vishal Sharma, Anupriya Tuli, Asra Sakeen Wani, Anjali Karol Mohan, Bonnie Nardi, Marc Hassenzahl, 2024 Morgan Vigil-Hayes, Rikke Hagensby Jensen, Shaowen Bardzell, and Neha Kumar. 2024. Post-growth HCI: Co-Envisioning HCI Beyond Economic Growth. In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '24), May 11-16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA, 7 pages. [Forthcoming] 2022 3. Vikram Kamath Cannanure, Naveena Karusala, Cuauhtémoc Rivera-Loaiza, Annu Sible Prabhakar, Rama Adithya Varanasi, Anupriya Tuli, Dilrukshi Gamage, Faria Noor, David Nemer, Dipto Das, Susan Dray, Christian Sturm, and Neha Kumar. 2022. HCI Across Borders: Navigating Shifting Borders at CHI. In CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI '22 Extended Abstracts) April 29-May 5, 2022, New Orleans, LA, USA. Association for Computing Machinery, New York, NY, USA, 5 pages. [doi:10.1145/3491101.3503706] 2021 2. Pranjal Jain, Samia Ibtasam, Sumita Sharma, Nilavra Bhattacharya, Anupriya Tuli, Dilrukshi Gamage, Dhruv Jain, Rucha Tulaskar, Priyank Chandra, Lubna Razaq, Rahat Jahangir Rony, Deepak Ranjan Padhi, Mohit Jain, Suleman Shahid, Nova Ahmed, Devanuj Balkrishan, and Pushpendra Singh. 2021. From the Margins to the Centre: Defining New Mission and Vision for HCl Research in South Asia. In the CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI'21 Extended Abstracts), 9 pages. [doi:10.1145/3411763.3441327] 2019 1. Neha Kumar, Daniel A. Epstein, Catherine D'Ignazio, Amanda Lazar, Andrea Parker, Muge Haseki, and Anupriya Tuli. 2019. Women's Health, Wellbeing, & Empowerment. In Conference Companion Publication of the 2019 on Computer Supported Cooperative Work and Social Computing (CSCW '19).

ACADEMIC SERVICE

*| REVIEWER

CHI | The ACM CHI Conference on Human Factors in Computing Systems

CSCW | The ACM Conference On Computer-Supported Cooperative Work And Social Computing

DIS | The ACM SIGCHI Conference on Designing Interactive Systems

ECSCW | The European Conference on Computer-Supported Cooperative Work

ToCHI | ACM Transactions on Computer-Human Interaction

Association for Computing Machinery, New York, NY, USA, 116-121. [doi:10.1145/3311957.3358606]

2024-2020

2024, 2019–2021

2024, 2021

2024, 2021

2024

2023, 2020

| Plos ONE IndiaHCI The India HCI conference Shadow PC COMPASS ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies Asian CHI Symposium ICTD The International Conference on Information & Communication Technologies and Development | 2022 2021–2020 2021 2021 2020 |
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| * ORGANIZING COMMITTEE | |
| Associate Chair (AC) Health Subcommittee at CHI 2024 Poster and Demo Co-Chair ECSCW 2024 General Chair ACM SIGCHI Symposium for HCI and Friends (IIT Bombay, India) Assistant to Equity & Justice Chairs CHI 2022 Student Volunteer Co-Chair CSCW 2021 Travel Co-Chair ICTD 2019 Design Co-Chair Research Showcase (IIIT-Delhi, India) | 2023-2024 2023-2024 2022 2021-2022 2020-2021 2018-2019 2017 |
| * STUDENT VOLUNTEER | |
| CHI The ACM CHI Conference on Human Factors in Computing Systems CSCW The ACM Conference On Computer-Supported Cooperative Work And Social Computing ACM SIGCHI Summer School Expanding the Horizons of Human-Centered AI (Delhi, India) | 2021, 2023 2020 2019 |
| * DISCUSSANT | |
| ACM SIGCHI Symposium Session on "Health and Design" at HCI and Friends (IIT Bombay, India) IndiaHCI Student Research Consortium ACM SIGCHI Summer School Session on "Al and Social Good" at Expanding the Horizons of Human-Centered AI (Delhi, India) | 2022 2020 2019 |
| INVITED TALKS | |
| IDC, IIT Bombay Reflections and Learnings from My PhD Journey in India | 2023 |
| SIGCHI Mumbai Chapter Rethinking Menstrual Trackers Towards Period-Positive Ecologies | 2022 |
| MISC, University of Michigan Taking the Long, Holistic, and Intersectional View to Women's Wellbeing | 2021 |
| IndiaHCI Menstrual (Im)Mobilities and Safe Spaces | 2020 |
| IndiaHCI Examining Challenges and Opportunities with Menstrual Health Education in India | 2020 |
| University of Toronto Menstrual (Im)Mobilities and Safe Spaces | 2020 |
| CHIversity Talks Menstrual (Im)Mobilities and Safe Spaces | 2020 |
| CHIversity Talks Examining Challenges and Opportunities with Menstrual Health Education in India | 2020 |

*| TEACHING FELLOW Introduction to Human-Machine Interface, IIT Jodhpur, India (Winter) 2022 *I GUEST LECTURE 2024 Rethinking Menstrual Trackers Towards Period Positive Ecologies, Gender & Development, GaTech (Spring) 2022 Heuristic Evaluation, DES205/519: Design of Interactive Systems, IIIT-Delhi, India (Winter) 2021 Menstrual (Im)Mobilities and Safe Spaces, Ethics & Technology, New York University Tandon (Fall) Applying Thematic Analysis in Practice, DES204: Human Computer Interaction, IIIT-Delhi, India (Monsoon) 2019 2019 Feminist HCI Framework, DES204: Human Computer Interaction, IIIT-Delhi, India (Monsoon) 2018 Introduction to HCI, DES201: Design Processes and Perspectives, IIIT-Delhi, India (Winter) 2018 Introduction to HCI, Summer School Workshop, IIIT–Delhi, India (Summer) *| TEACHING ASSISTANT 2020 DES204: Human-Computer InteractionI, IIIT-Delhi, India (Winter) 2019 CSE535: Mobile Computing, IIIT-Delhi, India (Monsoon) 2019 DES204: Human-Computer InteractionI, IIIT-Delhi, India (Winter) 2018 DES101: Design Drawing Visualization, IIIT-Delhi, India (Winter) 2017 CSE232: Computer Networks, IIIT-Delhi, India (Monsoon) 2017 CSE231: Operating Systems, IIIT-Delhi, India (Winter) 2016 RM101- 102: Data Structures and Algorithm, IIIT-Delhi, India (Summer) 2016 DES130: Introduction to Engineering Design, IIIT-Delhi, India (Winter) SUBMISSION MENTORSHIP 2021 3. Bhavya Chopra, Khushali Verma, Sonali Singhal, and Utsav Singla. 2021. Reality Tales: Facilitating User-Character Interaction with Immersive Storytelling. In Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems (CHI EA '21). Association for Computing Machinery, New York, NY, USA, Article 489, 1–7. [doi:10.1145/3411763.3451522] 2021 2. Kanupriya Singh, Shruti Dabas, Jatin Singhal, and Gaurav Gautam. 2021. HungerDeal: India's First Food Delivery Price Comparison App. In IndiaHCI '20: Proceedings of the 11th Indian Conference on

Human-Computer Interaction (IndiaHCI 2020). Association for Computing Machinery, New York, NY, USA, 76–81. [doi:10.1145/3429290.3429305]

 Angel Walia, Prakhar Goel, Varnika Kairon, and Mayank Jain. 2020. HapTech: Exploring Haptics in Gaming for the Visually Impaired. In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems (CHI EA '20). Association for Computing Machinery, New York, NY, USA, 1–6. [doi:10.1145/3334480.3381655] 2020

STUDENT MENTORSHIP

| Riya Singh, B.Tech. Computer Science and Design, IIIT—Delhi | 2021-Present |
|---|----------------|
| Snehal Gaikwad, M.Des., IDC, IIT Bombay | Jan.–July 2023 |
| Gauri Bhatnagar, B.Tech. Computer Science and Social Science, IIIT—Delhi (Currently at Expedia Group) | 2020–2022 |
| Pranjal Jain, M.Des. HCD, Srishti Institute of Arts, Design and Technology, Banagluru | Apr.–Dec. 2021 |
| Arpit Paurush, M.Des. in HCD, Srishti Institute of Arts, Design and Technology, Banagluru | Apr.–Dec. 2021 |
| Harshita Pandey, M.Tech. Computer Science Post, IIIT–Delhi | July-Nov. 2020 |
| Shivani Kapania, B.Tech. Computer Science, BVP Delhi (currently PhD student at) | 2019–2021 |
| Ayushi Srivastava, B.Tech. Computer Science, IIIT–Delhi (currently at Soroco) | 2019–2021 |
| Shaan Chopra, B.Tech. Computer Science, IIIT–Delhi (currently PhD in HCl at University of Washington) | 2017-2020 |
| Siddharth Jain, B.Tech. Computer Science, IIIT–Delhi (currently at Microsoft) | 2016–2017 |
| Abhishek Jain, B.Tech. Computer Science, IIIT–Delhi (currently at Amazon) | 2016–2017 |

AWARDS, HONORS, & GIFTS

*| FELLOWSHIPS

| Digital Futures Postdoc Fellowship | Jan. 2024–Present |
|---|-------------------|
| Young Researcher at Heidelberg Laureate Forum | 2023 |
| Google Ph.D. Fellowship for the late-stage doctoral students | 2021–2022 |
| Visvesvaraya Ph.D. Fellowship, Ministry of Electronics & Information Technology (MEITY), Govt. of India | 2016–2020 |
| Menstrupedia Changemaker Fellowship | 2020 |
| Future Digileader, Digital Futures, Stockholm, Sweden | 2020 |

*| RECOGNITION FOR RESEARCH CONTRIBUTIONS

| First runner-up, Best Poster for Unpacking Tensions in Designing Annotation System for Public Toilets to Support Menstrual Mobilities, SIGCHI Symposium on HCI and Friends, IIT Bombay, India | 2022 |
|---|-----------|
| Second position, Best Poster for "It's a girl thing": Examining Challenges & Opportunities around Menstrual Health Education in India, Digital Delhi Conclave 2022, IIIT-Delhi, India | 2022 |
| * RECOGNITION FOR OUTSTANDING REVIEWS (#7) | |
| The ACM CHI Conference on Human Factors in Computing System The ACM Conference On Computer-Supported Cooperative Work And Social Computing | 2020–2024 |
| * BEST TEACHING ASSISTANT | |
| DES204: Human-Computer Interaction, IIIT–Delhi, India (Winter) | 2019 |
| CSE535: Mobile Computing, IIIT–Delhi, India (Monsoon) | 2019 |
| * TRAVEL AWARDS | |
| IIIT-Delhi Travel Award (INR 1,40,000) for HLFF's Heidelberg Laureate Forum 2023 | 2023 |
| SIGCHI Gary Marsden Development Fund (USD 2500) for ACM CHI 2023 | 2023 |
| Microsoft Research Travel Grant (USD 1500) for CHI 2020 | 2020 |
| Google Travel Award (USD 3000) for CHI 2020 | 2020 |
| Vishveshwarya Travel Grant (USD 600) for CSCW 2018 | 2018 |
| Microsoft Research Travel Grant (USD 1200) for CSCW 2019 | 2018 |
| SIGCHI Gary Marsden Development Fund (USD 2080) for ACM CSCW 2018 | 2018 |
| SIG Travel grant (USD 500) for ACM COMPASS 2018 | 2018 |
| ACM Student Scholarship (INR 2300) for Grace Hopper Celebration India 2017 | 2017 |
| Microsoft-Inria Joint Research Center student travel grant (Euro 425) for ACM CHI 2017 | 2017 |