Anupriya Tuli

Ph.D. Candidate
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https://anupriyatuli.github.io

EDUCATION

IIIT–Delhi, India   2016–Present
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)

Amity University Uttar Pradesh, India   2013–2015
Master of Technology in Information Technology

Bhagat Phool Singh Mahila Vishwavidyalaya, Haryana, India   2009–2013
Bachelor of Technology in Information Technology

EXPERIENCE

Ph.D. Candidate, *Mélange Lab (IIIT–Delhi, India) and TanDEm (Georgia Tech, USA)*. Lead and collaborate on   2016–Present
projects related to ICT4D with a focus on health and education of the marginalized population of India.
Currently, investigating, designing, and collecting data for designing ICT based solutions for menstrual
health education and assisting menstrual hygiene practices in the urban Indian settings.

Menstrual Educator, *Sachhi Saheli NGO (Delhi, India).* Actively engage in designing and conducting   2019–Present
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.

Research Intern, Laser Electronics Support Division, RRCAT, Department Of Atomic Energy, Govt. of India.   Jan.–June 2015
Designed and developed beamline experimental control employing motor controller for precision positioning
using Experimental Physics and Industrial Control System (EPICS) and VisualDCT.

PROJECTS

Dissertation | Scoping ICTs for Menstrual Health Education and Management in Urban India.   2017–Present
Collaborating with *Sachhi Saheli NGO* (Delhi, India), primer field practitioner in the domain.

Technical Advisor | Landscaping of Youth Mental Health Policies, Programs and Stakeholders in India at   2021–Present
Program for Appropriate Technology in Health (PATH), India.

Mentor | Investigating and designing strategy for promoting the design of inclusive smartphone applications   2018–Present
for semi-literate and illiterate population of India.

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.

18. **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 (New Orleans, LA, USA) (CHI '22). Association for Computing Machinery, New York, NY, USA, 1–20. [Forthcoming]

2022

17. 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. ACM, New York, NY, USA, 5 pages. [Forthcoming]

2022

16. 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. [Forthcoming]

2022

15. Ayushi Srivastava*, Shivani Kapania*, **Anupriya Tuli***, and Pushpendra Singh. 2021. Actionable UI Design Guidelines for Smartphone Applications Inclusive of Low-Literate Users. Proc. ACM Hum.-Comput. Interact. 5, CSCW1, Article 136 (April 2021), 30 pages. | * Equal contribution to the research. [doi:10.1145/3449210]

2021

14. 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

13. 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 HCI Research in South Asia. In CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI'21 Extended Abstracts), 9 pages. [doi:10.1145/3411763.3441327]

2021

12. **Anupriya Tuli**, Shaan Chopra, Pushpendra Singh, and Neha Kumar. 2020. Menstrual (Im)Mobilities and Safe Spaces. *In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20).* Association for Computing Machinery, New York, NY, USA, 1–15. [doi:10.1145/3313831.3376653]

2020

11. Neha Kumar, Naveena Karusala, Azra Ismail, and **Anupriya Tuli**. 2020. Taking the Long, Holistic, and Intersectional View to Women's Wellbeing. *ACM Transactions on Computer-Human Interaction* 27, 4, Article 23 (September 2020), 32 pages. [doi:10.1145/3397159]

2020

10. 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).* Association for Computing Machinery, New York, NY, USA, 116–121. [doi:10.1145/3311957.3358606]

2019

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. *ACM Transactions on Computer-Human Interaction.* 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. *Proceedings of ACM Human - Computer Interaction*. 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. *PLOS ONE*. [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 for Patients, Caregivers and Doctors for Managing SMIs. *ACM Proceedings of International Joint Conference on Pervasive and Ubiquitous Computing: Adjunct (UBICOMP/ISWC '16)*. Heidelberg, Germany. [doi:10.1145/2968219.2968301]

2016

5. **Anupriya Tuli**, Rajiv Jain, and H. S. Vora. 2015. Development of EPICS Based Beamline Experimental Control Employing Motor Controller for Precision Positioning. *Proceedings of Indian Particle Accelerator Conference, InPAC-2015, Department of Atomic Energy, Tata Institute of Fundamental Research*. Mumbai, India. [doi:47048513]

2015

4. Megha Sharma, Nitasha Hasteer, **Anupriya Tuli**, and Abhay Bansal. 2014. Investigating the inclinations of research and practices in Hadoop: A Systematic Review. *Proceedings of 5th International Conference, Confluence 2014: The Next Generation Information Technology Summit*. Uttar Pradesh, India. IEEE. [doi:10.1109/CONFLUENCE.2014.6949381]

2014

3. **Anupriya Tuli**, Nitasha Hasteer, Megha Sharma, and Abhay Bansal. 2014. Empirical Investigation of Agile Software Development: A Cloud Perspective. *ACM SIGSOFT*, Volume 39, Issue 4. [doi:10.1145/2632434.2632447]

2014

2. **Anupriya Tuli**, Nitasha Hasteer, Megha Sharma, and Abhay Bansal. 2014. Framework to Leverage Cloud for the Modernization of the Indian Agriculture System. *Proceedings of EIT 2014: IEEE International Conference on Electro/Information Technology*. 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]

2013

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

5. **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 Symposium*. CHI'20.

2020

4. Pushpendra Singh, **Anupriya Tuli**, Richa Kedia, Saumya Sharma, Swati Gupta, Mamta Sood, Rakesh Chadda, Mona Sharma, Rekha Patel, and Tulika Shukla. 2020. Saksham: Experiences from Developing a Mental Health Application in India. *Workshop on Rethinking Mental Health Resources*. CHI'20.

2020

3. **Anupriya Tuli**, Pushpendra Singh. 2018. Taking a Feminist Road to Menstrual Health Education Practices in India. Workshop on *Design for Sexual Wellbeing*. CHI'18.

2018

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.

1. **Anupriya Tuli**, Pushpendra Singh. 2017. In Quest of Seeking Attention of Individuals with Schizophrenia. Workshop on *Designing for curiosity workshop*. CHI'17.

ACADEMIC SERVICE

- **Reviewer** | CHI (2020-22), CSCW (2019-21), Shadow PC COMPASS (2021), DIS (2021), Asian CHI Symposium (2021), TOCHI (2020), ICTD (2020), IndiaHCI (2020-21)
- **Organizing Committee** | Assistant to Equity & Justice Chairs CHI 2022, Student Volunteer Co-Chair CSCW 2021, Travel Co-Chair ICTD 2019, Design Co-Chair Research Showcase (RS' 17, IIIT-Delhi)
- **Student Volunteer** | CHI 2021, CSCW 2020, and ACM SIGCHI Summer School on Expanding the Horizons of Human-Centered AI (HCAI 2019)
- **Moderator** | Student Research Consortium IndiaHCI (2020) and Session on *"AI and Social Good"* (ACM SIGCHI Summer School on HCAI 2019)

INVITED TALKS

- **Invited Talk** | *"Taking the Long, Holistic, and Intersectional View to Women's Wellbeing"* (Michigan Interactive and Social Computing, University of Michigan, 2021)
- **Invited Talk** | *"Menstrual (Im)Mobilities and Safe Spaces"* and *"Examining Challenges and Opportunities with Menstrual Health Education in India"* (Out of India Track, India 2020)
- **Invited Talk** | *"Menstrual (Im)Mobilities and Safe Spaces"* (HCI4D@Third Space, UoT, 2020)
- **Invited Talk** | *"Menstrual (Im)Mobilities and Safe Spaces"* and *"Examining Challenges and Opportunities with Menstrual Health Education in India"* (CHIversity Talks 2020)

MENTORSHIP & TEACHING

- **Mentor** | *"Reality Tales: Facilitating User-Character Interaction with Immersive Storytelling"* (Student Research Competition, CHI 2021) [doi:10.1145/3411763.3451522]
- **Mentor** | *"HungerDeal: India's First Food Delivery Price Comparison App"* (Student Research Consortium, IndiaHCI 2020) [doi:10.1145/3429290.3429305]
- **Mentor** | *"HapTech: Exploring Haptics in Gaming for the Visually Impaired"* (Student Game Competition, CHI 2020) [doi:10.1145/3334480.3381655]
- **Mentor** | Problem Discovery Track, Ideas 2 Serve (I2S'19), Georgia Tech
- **Teaching Assistant** | Introduction to Engg. Design (winter'16), Data Structures & Algorithm (summer '16), Operating Systems (winter'17), Computer Networks (monsoon'17), Design Drawing Visualization (winter'18), HCI (winter'19), Mobile Computing (monsoon'19), and Introduction to HCI (winter'20)
- **Guest Lecture** | *"Heuristic Evaluation"* (DES205/519 :Design of Interactive Systems, IIIT–Delhi, 2022)
- **Guest Lecture** | *"Menstrual (Im)Mobilities and Safe Spaces''* (Ethics and Technology, Department off Technology, Cultyer, and Society, NYU Tandon, Fall 2021)
- **Guest Lecture** | "Applying Thematic Analysis in Practice" and *"Feminist HCI Framework"* (DES204: Human Computer Interaction, IIIT–Delhi, 2019)
- **Guest Lecture** | *"Introduction to HCI"* (DES201 : Design Processes and Perspectives, IIIT–Delhi, 2018)
- **Guest Lecture** | *"Introduction to HCI"* (Summer School Workshop, IIIT–Delhi, 2018)

MENSTRUAL EDUCATOR

- **Educational Workshops** | Conducted *"Menstrual Hygiene and Management"* awareness workshops with adolescents across genders in Govt. schools of Delhi as a part of a team from Sachhi Saheli NGO.
  2019–Present
- **Reviewer** | UNESCO and P&G - Peer Review for the *'MHHM and Curriculum from Primary to Tertiary Education'* module India
  Mar. 2022
- **Interviewee** | *"Technology & Menstruation Health Education"* (Science For A Billion)
  Mar. 2021
- **Contributor** | *"Menstrual Policy for West Bengal"* ('Red Conclave' campaign by Paint It Red)
  Apr. 2021
- **Panelist** | *"Period Pedagogy"* ('Red Conclave' campaign by Paint It Red)
  Jan. 2021
- **Invited Talk** | *"Webinar on Menstruation"* (Global Shaper Thane Hub, Mumbai, India)
  Aug. 2020
- **Guest Speaker** | Instagram Live on *"Discussion on Menstrual Myths and Hygiene"* (#ProjectPeriods, 2030 Youth Force, by United Nations)
  Jul. 2020
- **Invited Talk** | *"Webinar on Menstrual Health and Hygiene"* in observation of Menstrual Hygiene Day (Delhi State Legal Services Authority–South District & Legalfoxes, India)
  May 2020
- **Expert Talk** | *"Let's talk about periods w/Anupriya Tuli"* (Innovating Together for a Better India, MakerGhat, Mumbai, India)
  Apr. 2020

AWARDS & HONORS

- **Doctoral Fellowships** | Google PhD Fellowship 2021 for the late-stage doctoral students and Visvesvaraya Ph.D. Fellowship, Ministry of Electronics & Information Technology (MEITY), Government of India (2016–2020),
  2016–Present
- **Non-Doctoral Fellowships** | Menstrupedia Changemaker Fellowship (2020), and Future Digileader (2020) by Digital Futures (Stockholm, Sweden).
- **Best Teaching Assistant** | Mobile Computing (monsoon'19) and Human Computer Interaction (winter'19)
- **Third Position** | Problem Discovery Track, Ideas 2 Serve (I2S'19), Georgia Tech.
- **Travel Awards** | Microsoft Research Travel Grant and Google Travel Award for CHI (2020), Digital Futures Travel Grant for Future Digileader (2020), SIGCHI Gary Marsden Development Fund for CSCW (2018), SIG Travel grant for COMPASS (2018), ACM Student Scholarship for Grace Hopper Celebration India (2017), & Microsoft-Inria Joint Research Center student travel grant for CHI (2017).