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 | Recipient of Visvesvaraya Ph.D. fellowship
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 projects related to ICT4D with a focus on health and education of the marginalized population of India. Currently, investigating, designing, and collecting data for developing ICT based solutions for menstrual health education and management in the urban Indian settings. — 2016–Present

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 counsellors 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, Raja Ramanna Centre for Advanced Technology (RRCAT), Department Of Atomic Energy, Govt. of India. Developed beamline experimental control employing motor controller for precision positioning using Experimental Physics and Industrial Control System (EPICS) and VisualDCT. Led the design and development of the backend, database, and UI for the remote controller. Generated a set of EPICS prompt commands for the given stepper motor. — Jan–June 2015

ACTIVE PROJECTS

- **Dissertation work** | Scoping ICTs for Menstrual Health Education and Management in Urban India. Collaborating with *Sachhi Saheli NGO* (Delhi, India), primer field practitioner in the domain.
- **Mentor** | Studying the role of technology in (re)shaping home environments during COVID19.
- **Mentor** | Investigating and designing strategy for promoting the design of inclusive smartphone applications for semi-literate and illiterate population of India.
- **Project Lead** | Designing a mobile technology for the patients and the caregivers of Schizophrenia for the facilitation of management of the illness management. Working in collaboration with the *Department of Psychiatry, All India Institute of Medical Sciences (AIIMS)*, Delhi, India.

2017–Present

2020–Present

2018–Present

2016–2018

PEER-REVIEWED PUBLICATIONS

1. 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. [Forthcoming]

    2021

2. 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

3. 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), May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA, 9 pages. [Forthcoming]

    2021

4. **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

5. 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

6. 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

7. **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

9. 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

10. **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

11. **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

12. 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

13. **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

14. **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

15. **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 & POSTER

1. **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

2. **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

3. 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.

<div align="right">2020</div>

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

<div align="right">2018</div>

5. **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.

<div align="right">2018</div>

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

<div align="right">2017</div>

ACADEMIC SERVICE

- **Reviewer** | DIS (2021), Asian CHI Symposium (2021), CHI (2020-21), CSCW (2019-21), TOCHI (2020), ICTD (2020), IndiaHCI (2020)
- **Organising 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)

<div align="right">2016–Present</div>

INVITED TALKS

- **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)

<div align="right">2016–Present</div>

MENTORSHIP & TEACHING

- **Mentor** | *"Reality Tales: Facilitating User-Character Interaction with Immersive Storytelling"* (Student Research Competition, CHI 2021) [Forthcoming]
- **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]

<div align="right">2016–Present</div>

- **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** | *"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

- **Invited Talk** | *"Webinar on Menstruation"* (Global Shaper Thane Hub, Mumbai, India)

  August 2020

- **Guest Speaker** | Instagram Live on *"Discussion on Menstrual Myths and Hygiene"* (#ProjectPeriods, 2030 Youth Force, by United Nations)

  July 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)

  April 2020

AWARDS & HONOURS

- **Fellowships** | Visvesvaraya Ph.D. fellowship, Ministry of Electronics & Information Technology (MEITY), Government of India (2016–present) and Menstrupedia Changemaker Fellowship (2020)

  2016–Present

- **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), SIGCHI Gary Marsden Development Fund for ACM CSCW (2018), SIG Travel grant for ACM COMPASS (2018), ACM Student Scholarship for Grace Hopper Celebration India (2017), and Microsoft-Inria Joint Research Center student travel grant for ACM CHI (2017)