

23rd November

Day 1 | Thursday

8:00 - 9:00 AM Registration/Breakfast
9:00 AM **Inaugural Address**, Vice Chancellor UPES, Dehradun
9:30 AM **Address By Dean**, School Of Design, UPES, Dehradun
9:50 AM India HCI Conference brief/Orientation

Venue: MAC Auditorium

10:00 AM  **VENKATESH RAJAMANICKAM**
Keynote Speaker Venue: MAC Auditorium

11:00 AM  High Tea and Networking/ Poster Exhibition at Quadrangle (Block 1)

Venue: MAC Auditorium

Venue: Quadrangle (Block 1)

11:15 AM - 12:30 PM

Parallel Session PAPER Track

MAC AUDITORIUM

Design and evaluation of a password diversifier tool
Rekha Pathak, Anjali Agarwal, Aiswarya R, Jayasree Raveendran, Manish Shukla, Vijayanand Banahatti, Sachin Lodha

Framework for Conducting Maturity Evaluation of Teleconsultation Platforms:
A COVID-19 motivated project from India. Ayushi Tandon Uma Nambiar, Avinash Gupta, Madhava Sai Sivapuram

"So, should I walk today or not?" Understanding Concerns and Queries on Health and Fitness Among Indian Older Adults.
Pallavi Rao Gadhad, Anirudha Joshi

Graphical Passwords for Emergent Users: A Four-day Recall Comparative Study on PIN, Passfaces and Celebrities.
Zuha Asif P, Anirudha Joshi, Sanika Deshpande, Anniket Mohalik Rohit Naik, Vijayanand Banahatti

Parallel Session INDUSTRY Track

QUAD 1002

How might we make AI tools more human?
Sanjiti Sharma

Humans and AI: Use, Misuse, Disuse, Abuse.
Shipra Purohit, Tanuja Sawant

Parallel Session POSTER and Demos

QUAD 1005

The usage of Digital Twin to reduce the manufacturing defects in Industry 4.0.
Meenakshi Sundaram Mutharasu, Venkateshwarlu Varala

Study of measuring emotions in user experience for a futuristic passenger drone cabin in India.
Meenakshi Mishra, Deepak John Mathew

Rhythm - Breathing Rhythimized: An IoT based Breath Monitoring with Haptic Feedback and Assistance Device.
Anandita A Wagh, Vikas Thapa

How do affordances of gaming technology influence digital gaming community?
Vaibhav Jaiswal

Evaluation and Development of User-Friendly Interface for Self-Ticketing Movie Machine.
Mayank Lal, Samrat Dev, Aafra Khatib, Akshita Gopi Raman, Vandita Malhotra

Design of an AR Experience for Heritage Tourism in India.
Prakhar Bhargava, Cyrus Montiero, Ipsita R, Anmol Srivastava

Parallel Session WORKSHOP

QUAD 1003

Workshop 01: UX Research for AI Based Solutions
11:30 AM - 5:30 PM
QUAD 1003

Parallel Session SHOWCASE Track

QUAD 1001

Challenges With Voice Assistants for the Elderly in Semi-Public Spaces
Biju Thankachan

PickMail: A Serious Game For Email Phishing Awareness Training
Vijayanand Banahatti

Enhancing E-Rickshaw Driving Experiences: Insights From User Centric EV Dashboards in India
Lipsa Routray

12:30 - 1:30 PM  Lunch

Venue: MAC Auditorium

Venue: Quadrangle (Block 1)

Venue: Block 7

1:30 - 3:00 PM

Parallel Session Women In HCI

MAC AUDITORIUM

Empowering Conception with Femella: Bridging the Gap in Fertility Care.
Aishwarya Prabhu, Aishwarya Nataraj, Wricha Mishra, Sayan Sarcar

Machine Learning and AI assisted First-Aid solution.
Janhvi Aggarwal, Venkateshwarlu Varala

Underreporting of Sexual Assault: A Case Study of Indian Scenario.
Kuheli Bhattacharjee, Swati Sarkar.

Breaking Barriers: Empowering Women in Electric Vehicle Driving.
Lipsa Routray.

A Social Communication Toolkit for Adolescent Reproductive Health and Wellbeing.
Debjani Roy, Urmi Nanda Biswas

SIDDHA: Empowering Home-Based Women Entrepreneurs through Digital Connect.
Mrinmayi N Pawar, Susmita Sharma Y, Ananya Pahwa

Parallel Session POSTER and Demos

QUAD 1005

Tangible user interface for reflective storytelling to enhance children's creativity through Human-AI collaboration.
Animesh Mr. Bondre, Harshita Hassani

Building a Sustainable MSME Lending Ecosystem in India with AI-Enabled Design Strategies.
Nishtha Rikhi, Anuvrat Sharma

Exploring Social Media Posts for Depression Identification: A Study on Reddit.
Nandigramam Sai Harshit, Nilesh Kumar Sahu, Haroon R Lone

Optimizing the Experiences of Bedridden Patients and their Caregivers.
Shrimi Verma, Pooja Pawwar

A mixed-media toolset for promoting attention and cognitive skills in children with ADHD.
Nishtha Rikhi

Parallel Session WORKSHOP

QUAD 1003

WORKSHOP 01: UX Research for AI Based Solutions
11:30 AM - 5:30 PM
QUAD 1003

Parallel Session WORKSHOP

SOD Block 7: 7005,7001

WORKSHOP 02: Researchers' toolbox: Designing Ethical, Accessible, and Inclusive Artificial Intelligence for All (AIAI)
1:30 - 5:00 PM

3:00 - 4:15 PM

WOMEN IN HCI
Panel Discussion

Venue: MAC Auditorium

4:15 - 4:30 PM  High Tea and Networking/ Arts Installation Exhibition/Poster Exhibition at Quadrangle (Block 1)/ School of Design Show

4:30 - 5:30 PM Campus Walk/ Installation Walk/ Student Adda/School of Design Show

24th November

Day 2 | Friday

8:00 - 9:00 AM Registration/Breakfast

9:30 AM



JANET READ

Keynote Speaker

Venue: MAC Auditorium

10:30 AM



High Tea and Networking/ Poster Exhibition at Quadrangle (Block 1)

Venue: MAC Auditorium

Venue: Quadrangle (Block 1)

10:45 AM - 12:30 PM

Parallel Session
ARTS Track

MAC AUDITORIUM

Beyond the Canvas: A tribute to Rebellion in Art.
Saumya Tiwari, Abhinav Sharma, Harshit Choudhary, Parth Ganjoo, Anmol Srivastava

Belonging: Exploring Audio-Visual Cues in Real-time 6DoF VR Narrative.
Jayesh S. Pillai, Priyanshu Thakur, Tushar Vaid

An Unusual Guardian-Interactive Storytelling through Digital Game Design.
Shreyas U Vernekar, Jayesh S. Pillai

KaavadBits: Interactive Art Installation for a New Narrative Experience.
Saumik Shashwat, Aditya Padmagiriwar, Shivoy Arora, Anmol Srivastava

FronDESCENCE. Sai Ram Ved V

Jail Diaries: Interactive Pop-Up Book Art Installation.
Biswasmita Mishra, Aishiki Bhattacharya, Ankush Gupta, Siddharth Gupta, Anmol Srivastava

Parallel Session
PAPER Track

QUAD 1003

Is JoMO the answer to FoMO? Collaborative digital detox from Social Media for Adolescent.
Anjali Mishra, Sanchita J Bagre, Wricha Mishra, Sumita Sharma

A Study focused on revitalizing the traditional Gond Art of Madhya Pradesh using Digital Platform.
Harsh Raj Gond, Ankita Roy

Enhancing messaging and navigation in smartphones for visually impaired: A survey.
Bindi D Shah, Mrunmai S Abhyankar, Urmila Pawar

Navigational Integration: Enhancing User Experience through Illustration-Driven Wayfinding in a Multi-Storied Building.
Gokul R, Ankita Roy

Parallel Session
POSTER and Demos

QUAD 1005

SenseSight: Innovating Navigation for the Visually Impaired.
Ananya Pahwa, Rakesh Ahirwar

Envisioning Timely Detection: Augmented Reality's Context-Aware Application for Early Dementia Diagnosis.
Megha Chowdhury, Prasad Onkar

Designing AI Experiences - Auto Mapping, Enabling Autonomous Data Pipeline.
Ranjeet Tayi, Prashant M Bhandare

Multi-Sensory Experiences For Children.
Srinidhi Gurram, Pooja Pawwar

Naviy-Community Powered Navigation.
Akshita Purohit, Effie S Fernandes

Revolutionizing E-Waste supply chain Management in India through an Integrated Digital Solution.
Anuvrat Sharma, Nishtha Rikhi, Puneeta Kashyap

Parallel Session
WORKSHOP

QUAD 1004

WORKSHOP 04: Re-imagining Electric Bus Instrument Clusters for Enhanced User Experience
10:45 AM - 6:00 PM
QUAD 1004

Parallel Session
INDUSTRY Track

QUAD 1002

Creating a human-centric product & brand strategy. Nazim Mr. Iqbal

Role of ethics in Design.
Nazim Mr. Iqbal

Enhancing Accessibility in Multi-Learner Virtual Reality Platform.
Ayushi Tandon, Yogini Joglekar, Brock, Pia Behmuaras

PEEPAL - Educate, Connect, Empower.
Aalvee Damle, Ambar Paltankar

Parallel Session
STUDENT DESIGN Consortium

QUAD 1001

Vyappar: Simplifying MSME Financing for a Prosperous India. Anuvrat Sharma, Nishtha Rikhi

Empowering volunteers to assist the visually challenged through an assistive application: A UX case study.
Rituraj Borah, Susmita Sharma Y

Spot On! A card game to encourage period talk.
Heli M Motanpotra, Praneetha Sali,

Understanding Stress: A Web Interface for Mental Arithmetic Tasks in a Trier Social Stress Test.
Manjeet Yadav, Nilesh Kumar Sahu

Pennywise: The Tax and Finance Education Board Game.
Vishnu S Sudeep, Navya S

School of Sand: A multisensory lexicon learning experience for children with developmental delays.
Param Dadegaonkar, Anunay Anveshi, Abhayam Rathod

Parallel Session
START-UP Track

RUNWAY INCUBATOR

Start-Up: MASTERCLASS 01

Introduction to Fundraising
Mr Rajendra Gopal Krishna Bhatt

10:30- 11:30 AM

Start-Up: MASTERCLASS 02

Entrepreneurial Mindset and Importance of Mentorship
K.B. Rajendran

11:30 AM - 12:30 PM

12:30 - 1:30 PM



Lunch

1:30 PM



LAWRENCE LU

Keynote Speaker

Venue: MAC Auditorium

2:30 - 4:00 PM

Parallel Session
STUDENT RESEARCH Consortium

QUAD 1002

Raah 2.0: An Affordable Sensory-Toy for Promoting play-based learning.
Vaibhav Jaiswal, Mohit Sharma

Interactive Storytelling and Socialization for Children.
Sowmya Chandrasekaran

Effect of culture and society on left-handedness in India.
Effie S Fernandes, Samanvay Sahani

Spot On! - A card game aiming to normalize period talk.
Praneetha Sali, Heli M Motanpotra

End-user Programming is WEIRD. Harshit Goel

Empowering volunteers to assist the blind through an assistive application - A UX case study. Rituraj Borah, Divyan Dhingra, Susmita Sharma Y.

Parallel Session
POSTER and Demos

QUAD 1005

Electrigo- Electrifying your journey across the city.
Akshita Purohit

Artisan-Centric Handicrafts Revival. Srinidhi Gurram, Susmita Sharma

Menstruation and taboo around it. Saksham Saxena, Susmita Sharma Y

Unlocking the Museum Gates: Virtual Reality Brings Inaccessible Treasures to School Students. Deepanshu Verma, Charu Monga

Self-reflective model to Cope with Indecision.
Priti R Dhongani

Parallel Session
WORKSHOP

QUAD 1004

WORKSHOP 04: Re-imagining Electric Bus Instrument Clusters for Enhanced User Experience
10:45 AM - 6:00 PM
QUAD 1004

Parallel Session
WORKSHOP

QUAD 1003

WORKSHOP 03: Exploring Design Fiction Through Virtual Reality
2:30 - 6:00 PM
QUAD 1003

Parallel Session
START-UP Track

RUNWAY INCUBATOR

Start-Up: MASTERCLASS 03

Need Really Bad Startup Idea
Rahul Nainwal

2:30 - 3:30 PM

4:00 - 5:00 PM

HOW TO BUILD A FAIL SAFE STARTUP

Panel Discussion

Venue: MAC Auditorium

4:45 PM



High Tea and Networking/ Arts Installation Exhibition/Poster Exhibition at Quadrangle (Block 1)/ School of Design Show

6:00 PM

MAC: Cultural Evening

7:00 PM

Gala Dinner

25th November

Day 3 | Saturday

8:00 - 9:00 AM
9:20 AM

Registration/Breakfast
Conference brief/Orientation

Venue: MAC Auditorium

9:30 AM



DR. BALVINDER SINGH
Keynote Speaker

Venue: MAC Auditorium

10:30 AM



High Tea and Networking/ Arts Installation Exhibition/Poster Exhibition at Quadrangle (Block 1)/ School of Design Show

10:45 - 11:45 AM

HCI and Academia: How Ready are We; Progressing and Processing to Mentor Gen Next
Panel Discussion

Venue: MAC Auditorium

11:45 AM

Awards And Acknowledgement
Valedictory Address

12:30 - 1:30 PM



Lunch

Trip & Trek Doon, with Goodbyes... till the next Year!

The schedule will be updated with registered authors/presenters periodically. Kindly check this link for latest updates.

School Of DESIGN



India HCI 2023

India HCI is a premier international conference in the field of Human-Computer Interaction (HCI) that is held annually in India. It aims to positively impact and shape humanity through high-quality research in HCI and Design. The 14th international India HCI 2023 conference is hosted by the School of Design at UPES in-cooperation with the ACM amongst Dehradun's beautifully lush and verdant environs.

The conference theme is "HCI for Enabling Creativity" and aims to initiate dialogues, debates, and discussions that enable synergies between Creativity and HCI. We invite authors to present bold ideas and research that further expand the boundaries of HCI research.