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### 3<sup>rd</sup> INDIA DIGITAL HEALTH INNOVATION WORKSHOP

**DAY 1 – Jan 6<sup>th</sup>, 2023**

Time	Session
8 am - 9 am	Breakfast and Registration
9 am – 9:20 am	Opening Remarks - Plan, Agenda, Outcomes, Objective <b>Ms. Carolyn John (CSA - Social Alpha) and Dr. Satchit Balsari (Harvard Medical School; CSA)</b>
9:20 am - 10:15 am	Opening Session Digital Health Innovation: What is the problem we are trying to solve? Perspectives: <b>Dr. Tony Raj (St. John’s Research Institute), Mrs. Sunita Nadhamuni (Dell Technologies), Dr. Shitij Arora (Albert Einstein School of Medicine; CSA)</b> Moderator: <b>Dr. Ajay Nair (Swasth Alliance)</b>
10:15 am - 10:30 am	Coffee
10:35 am – 12:10 pm	The world’s largest population health screening and management system: Lessons in Optimization  Understanding the mandate: <b>Mrs. Sunita Nadhamuni</b> Needs finding, problem-solving and design thinking: <b>Dr. Verghese Thomas (St. John’s Research Institute), Mr. Arun Sanjay (Dell Technologies) and Mr. Himanshu Kalra (Parallel)</b> Panel Discussion: <b>Dr. Arun Kumar (Directorate of Health &amp; Family Welfare Services, Karnataka), Dr. M. A. Balasubramanya (NHSRC) and Dr. Tony Raj</b> Facilitator: <b>Dr. Satchit Balsari</b>  Objective: Describe the implementation of Ministry of Health and Family Welfare’s NCD screening and management program, in the state of Karnataka, with the goal of understanding current design and development practices, advantages of Sandboxing and rapid iteration, and examining the outcomes from the first generation of digital health innovation labs in India.
12:10 pm – 1:30 pm	Lunch
1:30 pm – 3:00 pm	Why “Make, Break, Pivot” may not be right for digital health innovation



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	<p>Lessons from the Pandemic: <b>Dr. Satchit Balsari</b> Respondents: <b>Dr. Aparna Hegde (Armman)</b> and <b>Dr. Shahed Alam (Noora Health)</b> Facilitator: <b>Dr. Vijay Chandru (ARTPARK-IISc)</b> Objective: Describe current limitations in needs finding and digital health design and implementation via recent use-cases. Compare against successful interventions such as Noora Health and Armman which are deeply rooted in design thinking and contextual intelligence.</p>
3:00 pm – 3:30 pm	Coffee
3:30 pm – 5:00 pm	<p>ABDM: India's unique contribution to digital health Panelists: <b>Mr. Ram Sevak Sharma (NHA)</b>, <b>Dr. Pramod Varma (EkStep)</b> and <b>Mr. Vikalp Sahni (Eka.Care)</b> Moderator: <b>Mr. Kiran Anandampillai (iDrishti; Advisor, NHA)</b></p> <p>Objective: Deep dive into the core architecture of ABDM to understand the problems ABDM is trying to solve via digital transformation (what, why and how). Followed by understanding adoption challenges on the ground and possible solutions (including the recently launched monetary incentives).</p>
5:00 pm – 6:00 pm	Break
6:00 pm – 8:00 pm	<p>Evening Keynote Dinner: <b>Dr. Vijay Chandru</b> in conversation with <b>Ms. Maya Vishwakarma (Sukarma Foundation)</b></p>



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DAY 2 – Jan 7<sup>th</sup>, 2023

Time	Session
8 am - 9 am	Breakfast and Registration
9 am – 10:30 am	<p>New Frontiers in Digital Health and Data Science</p> <ul style="list-style-type: none"> <li>● AI/ML – <b>Mr. Ankit Modi (Qure.ai)</b></li> <li>● Private data for Public Good – <b>Mr. Dipinder Sekhon (Kritikal Solutions)</b></li> <li>● NLP – <b>Mr. Gaurav Aggarwal (Google)</b></li> <li>● Open Data Science – <b>Mr. Sujay Santra (iKure)</b></li> <li>● Genomic Surveillance – <b>Dr. Vijay Chandru</b></li> </ul> <p>Facilitator: <b>Dr. Shitij Arora</b></p> <p>Objective: What can AI, Machine Learning, Natural Language Processing and Big Data actually do for healthcare? What’s real, what’s vapourware?</p>
10:30 am – 10:50 am	Coffee
10:50 am – 12 pm	<p>Unmet Needs: Clinicians’ Respond</p> <p>Panel: <b>Dr. Pavitra Mohan (Basic Health Services), Ms. Ghousiya Sultana (Anganwadi), Dr. Shrey Desai (SEWA Rural) and Dr. Chetanya Malik (Sangwari)</b></p> <p>Facilitator: <b>Ms. Maya Vishwakarma</b></p> <p>Objective: Clinical voices from the field, including from community-based organizations, general practitioners and tertiary hospitals respond to these emerging technologies and reflect on the most pressing needs in clinical care. Panelists include community health workers and physicians.</p>
12:00 pm – 1:00 pm	<p>Rebooting Consent for the Digital Age</p> <p>Panel: <b>Mr. Devesh Varma (CSA- Social Alpha), Ms. Shefali Malhotra (C-HELP), Dr. Harpreet Singh (ICMR) and Mr. Sujay Santra</b></p> <p>Objective: A discussion of the provenance, portability, and availability of clinical and population health data for provision of care, research and commerce</p>
1:00 pm - 2:30 pm Working Lunch	<p>Future-proofing the digital health ecosystem in India</p> <p>NHA: Roadmap for Gateways 2 and 3: UHI and Health Information Exchange</p>



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Time	Session
	<p>Remarks by <b>Dr. Basant Garg (NHA)</b>, via live link, before breakout (15 mins)</p> <p><b>Facilitated by NHA</b></p> <p>Breakouts: Each group identifies two challenges, and two implementation strategies.</p>
2:30 pm – 4:00 pm	<p>DHIL 2.0: A science-based approach to digital health innovation Proposal: <b>Dr. Shitij Arora and Dr. Manoj Mohanan (Duke University; CSA)</b> Respondents: <b>Dr. Kshama Kothari (Social Alpha), Mr. Naveen Kumar (IAS), NHA (proposed) Mr. Raja Sekhar Kommu (Karkinos Healthcare)</b></p> <p>Start-ups and ministries can work with Digital Health Innovation Labs 2.0 to test, validate and scale digital health solutions in compliance with global ethical research standards, and local advances in digital health architecture.</p>
4:10 pm – 5:00 pm	Closing Remarks: <b>Dr. Tony Raj; Dr. Satchit Balsari</b>



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### **Advisory Committee:**

Dr. Ajay Nair (Swasth Alliance);  
Mr. Dipinder Sekhon (KritiKal Solutions);  
Mr. Kiran Anandampillai (iDrishti; Advisor, National Health Authority);  
Mr. Manoj Kumar (Social Alpha);  
Mrs. Sunita Nadhamuni (Dell Technologies)

### **Scientific co-chairs:**

Dr. Tony Raj (St. John's Research Institute);  
Dr. Satchit Balsari (Harvard Medical School);  
Dr. Shitij Arora (Albert Einstein College of Medicine)

### **Organizers:**

St. John's Research Institute (SJRI);  
Community Science Alliance at Social Alpha (CSA);  
Dell Technologies;  
India Digital Health Network at Harvard University (IDHN)

