Gurjot Singh Sidhu
New Delhi, India | gurjot@hey.com | +91 8448972072

EDUCATION

- MSc Physics, ETH Zurich, Switzerland (2015 - 2018)
- BSc Physics, Delhi University, India (2012 - 2015)

WORK EXPERIENCE

Independent Consultant **(Feb 2021 – Present)**

- **Consultant, Data Analysis and MIS (2021-):** Working directly with Dr. Rubina Maiti, Education Specialist, UNICEF West Bengal
  - *Responsibilities: Creating policy briefs for senior decision-makers in government; curating insights from data; spearheading data analysis and visualization processes; delivering need-based MIS dashboards*
- **Perception Study on Violence Against Women and Girls (2021):** Study conducted for Breakthrough India
  - *Responsibilities: Creating a holistic analysis framework with domain experts and partners; delivering the analysis of quantitative data of 300+ participants; co-writing the published report; managing client interface*

Programme Manager - Learning, FlashPrep **(Nov 2020 – Jan 2021)**

- Spearheaded the content creation process for a flashcard-based learning app in an early-stage startup
  - *Responsibilities: Designing the content roadmap, writing pedagogical guidelines; hiring a team of writers and editors; leading a pilot project with 20+ external partners to develop educational content*

Founder and Developer, Chachi.app **(Mar 2020 – Present)**

- Created an app that provides engaging questions to make learning and training more relevant and interesting. It supports 1000+ teachers, parents and trainers per month in 27 states of India.
  - *Responsibilities: Developing, launching and managing a product from 0 to 1; delivering routine updates and improvements; writing learning prompts targeted at both learners and teachers in multiple languages*

Consultant, IgnusERG *(Education Resource Company)* **(Oct 2017 – Present)**

- **Online Professional Development Programmes (2020-2021):** Implemented a six-module course taken by 1.25 lakh teachers in Rajasthan, and a three-module course taken by the education State Resource Group of Uttar Pradesh in partnership with UNICEF and State Governments
  - *Responsibilities: Designing and delivering the tech framework; co-creating the course content; leading the analysis of participant data; providing client-side support; conducting live sessions with 4000+ participants*
- **Targeted Enhancement in Learning Outcomes through Supportive supervision (TELOS) (2017-20):** Incubated and delivered a multi-year education quality improvement project in partnership with UNICEF and State Government. Led the growth from 120 schools to 8300 schools, to eventually implementing across the entire state.
  - *Responsibilities: Innovating contextual tech and pedagogical solutions; spearheading the implementation of real-time data monitoring; establishing data-minded protocols for the state; co-creating programme reports, fact sheets and presentations; supporting field processes in-person; delivering 30+ workshop sessions with 200+ participants; launching organisational knowledge management systems; managing client-side interface; presenting to top decision-makers in government; providing on-demand expertise to donor partners*
- **Status of Foundational Learning in India (2019):** Produced an in-depth review of programmes on foundational learning across India for Central Square Foundation. This work influenced policy action post NEP 2020.
  - *Responsibilities: Interviewing domain experts and primary stakeholders across 6 states; conducting rigorous document and secondary-data analysis; co-authoring the programme report, policy brief and presentation; developing an inter-organisational knowledge-aggregation protocol; managing client-side interface*
- **25+ other projects** involving 5 programme evaluations, 40+ capacity building workshops and 12+ education consultancies with MHRD, NITI Aayog, NCERT, UNICEF, USAID, EDUCO, Central Tibetan Administration, Pratham Education, Save the Children India, Sterlite EdIndia, Schoolnet, Gramin Shiksha Kendra, CSF and EY

TECHNICAL SKILLS

- Statistical analysis and Computational modelling: **Python, R, Stata, MATLAB, MS Excel**
- Documentation and Presentation: **MS Office, Canva, Adobe Creative Suite, LaTeX**
- Full stack web development: **Vue.js, WordPress, Flask, MongoDB, SQL, Git**

PUBLICATIONS

- Shukla, S., Srivastava D., Singh , S. P., Tamhane, T., Sidhu, G. S. (2021). *Role of Supportive Systems in Enabling Effective Online Teacher Training in COVID-19 Pandemic* (Pre-print)
- Sidhu, G. S., Shukla, S. (2021). *Pedagogy-based Teaching (PBT): A Framework for Designing Online Professional Development Platforms* (Pre-print)
- *Toolkit on Gender and Sexuality Inclusion,* Centre for Studies in Gender and Sexuality, Ashoka University (2020)
- Sidhu, G. S., Shukla, S. (2020). *Adapting Technology to Support Teacher Training Processes.* International Conference on Changing Landscape of Teacher Education, Jamia Millia Islamia
- *Adharshila - Foundational Learning Support Manual,* Government of Uttar Pradesh (2019)
- *Mitwa (Issues 1-4), Chahak (Issues 1-10)*, Manan Books (2018-20)