

RELOGIA 2019

Co-Creating The Dreams

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@DreamSpace Academy

DreamSpace Academy is a **Community Innovation Center** to tackle authentic local socio-economic and environmental challenges using **Project and Challenge Based Learning**

What do we do?



Our mission is to empower creative minds through **Maker Education**, to create innovative solutions using **Open Innovation**, and ultimately leading them to become successful **Social Entrepreneurs**

What is our motivation?

21 million

population (2015)



51.8%

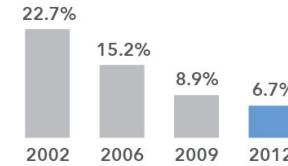
Female

48.2%

Male

6.7%

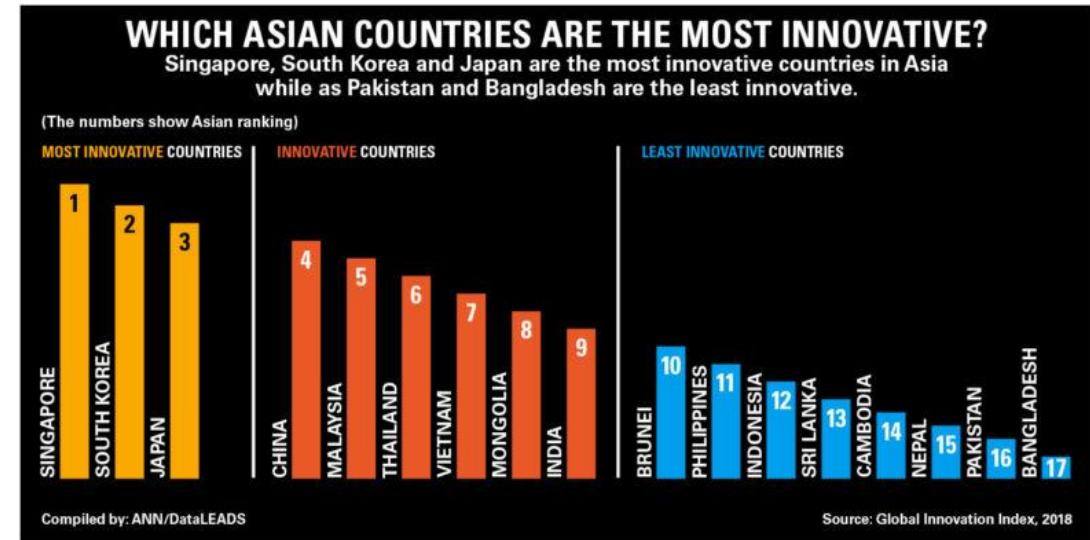
poverty headcount ratio
at national poverty lines
(% of population 2012)



US\$3,924

lower middle-income
GDP per capita (2015)

Source: unocha.org, global-innovation-index-2018



What is our motivation?

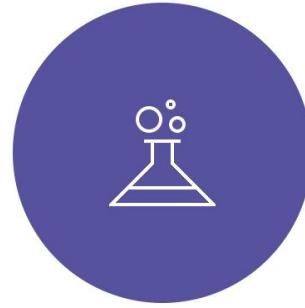


Solutions for the social challenges should be developed by **99% local** human resources with the support of **1200+** international and local NGOs

How do we do it?



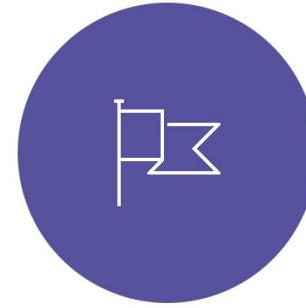
**Project Based
Learning**



**Community
Innovation**



**International
Collaboration**



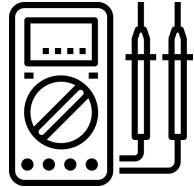
**Social
Entrepreneurship**

Project Based Learning



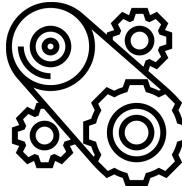
Source: dreamspace.academy

Project Based Learning - Maker Education



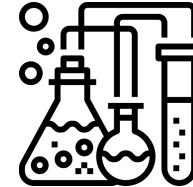
Electronics

Circuit Designing, Robotics,
Embedded Systems



Mechanics

CAD, 3D Printing, CNC
Milling, Laser Cutting



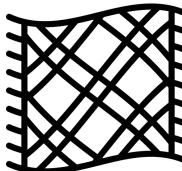
Wet Lab

Biology, Chemistry,
Botany, Physics



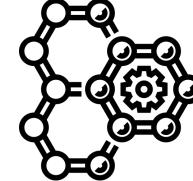
Gastronomy

Alternative food, Probiotic
drinks



Textile

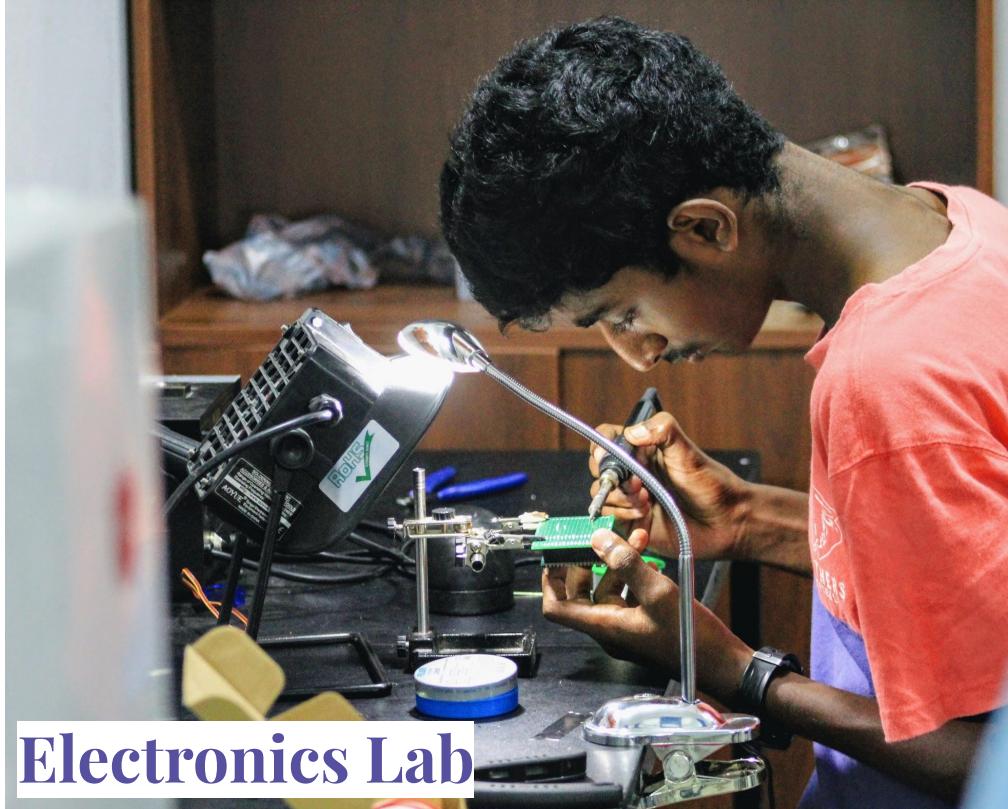
Weaving, Knitting, Wearables
Technology



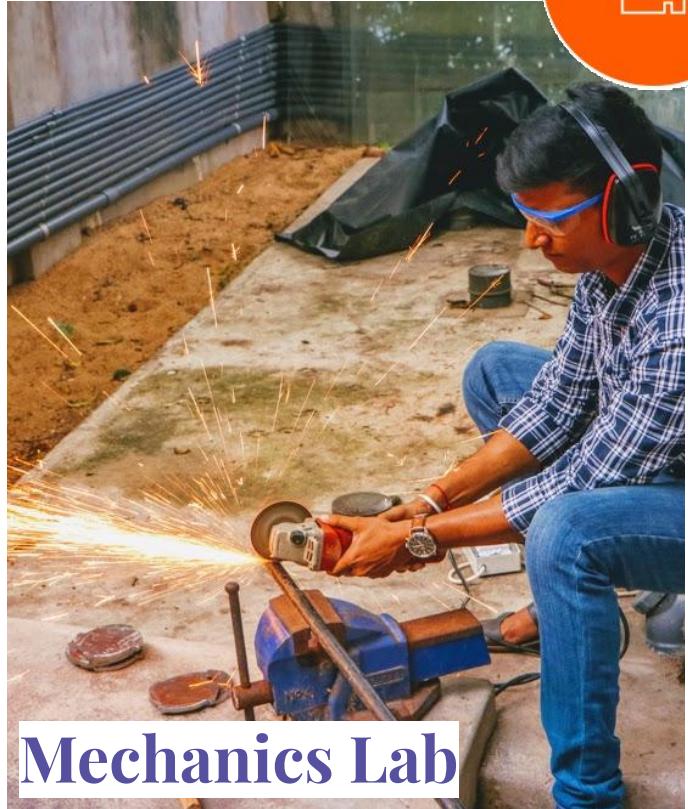
Materials

Composites, Advanced
Material, NanoTech

Project Based Learning - Maker Labs



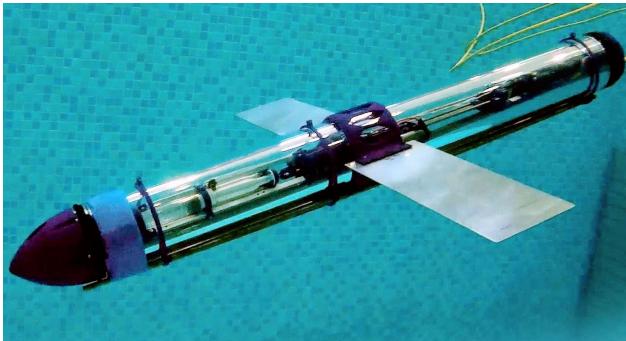
Electronics Lab



Mechanics Lab

Source: dreamspace.academy

Community Innovation

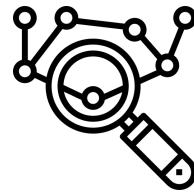


Source: dreamspace.academy, hackaday.io

Community Innovation - Prototype To Production



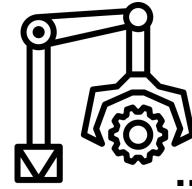
**Environmental
Sustainability**



**Research &
Development**



**Open
Innovation**



**Local
Manufacturing**

International Collaboration



Source: dreamspace.academy

International Collaboration - Partners



Proud to be



In Sri Lanka



Source: greenbuzzberlin.de, globalinnovationgathering.org, motionlab.berlin, aracreate.com, bookbridge.org, troublemaker.site, dofe.org, siwi.org, berlin.sciencehackday.org

Social Entrepreneurship



Source: dreamspace.academy, terrace,dreamspace.academy

Social Entrepreneurship - Idea to Impact Business



Community Business

Digital Nomads, Co-Working,
Urban Farming, Smart
Mobility



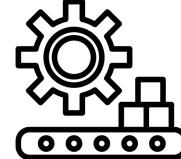
Socio-Economic Development

Employment and Skill
Development



Impact Investment

Startup Accelerator,
Incubator, Investors



Mini Factories

Regional Products, Conscious
Consumerism

Co-Creating The Dreams - Community Engagement



Source: dreamspace.academy

Co-Creating The Dreams - Art Engagement



Source: dreamspace.academy

Co-Creating The Dreams - Giving Back



Source: dreamsphere.academy

Achievements - Falling Walls Science Engagement 2019



BREAKING THE WALL OF SUBJECT BASED LEARNING

Aravindh Panch
Sri Lanka
DreamSpace Academy

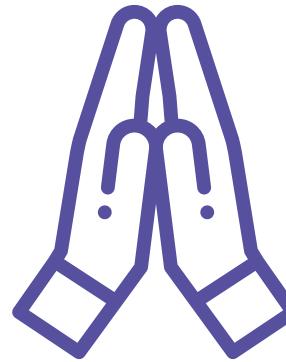
FALLING WALLS ENGAGE BERLIN 2019

Founding Partner
 Robert Bosch Stiftung



Source: dreamspace.academy

Thank You



**Aravinth Panch
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