



DreamSpace Academy
Co-Creating The Dreams

DreamSpace Academy is a Community Innovation Center to tackle authentic socio-economic and environmental challenges using Project & 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%

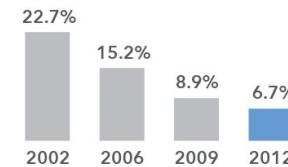
Female

48.2%

Male

6.7%

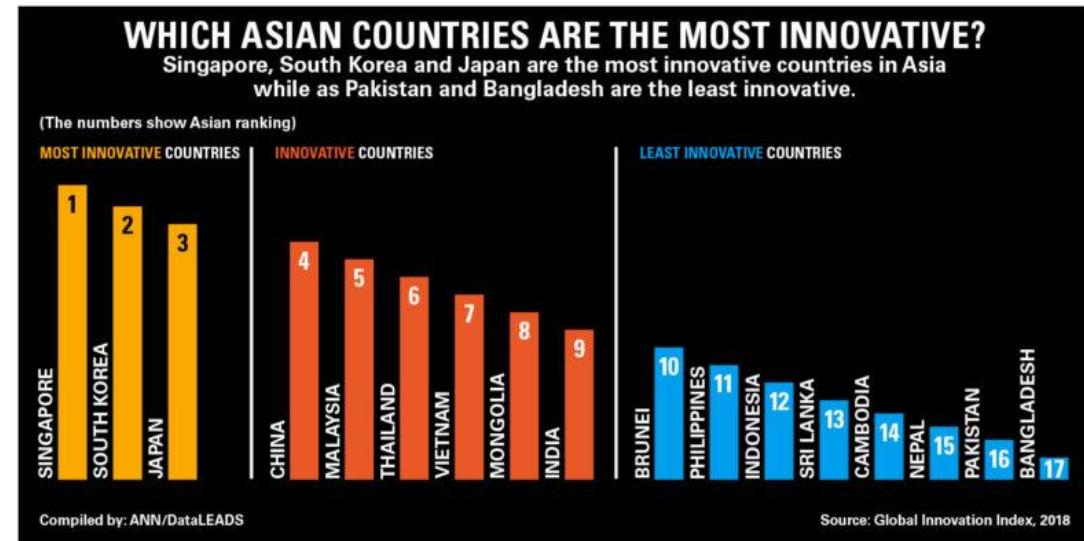
poverty headcount ratio
at national poverty lines
(% of population 2012)



US\$3,924

lower middle-income
GDP per capita (2015)

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



What is our motivation?



Locals should solve **local** challenges with the support of 1200+ international and local NGOs in Sri Lanka

How do we do it?



Maker Education

Our academic operation for project based learning with multidisciplinary workshops to build practical skills



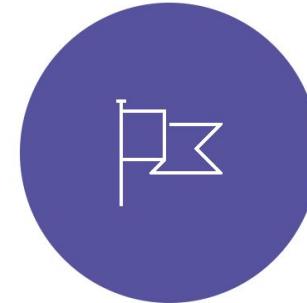
Community Innovation

Our research and development operation for innovating local solutions to tackle authentic local challenges



International Collaboration

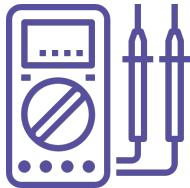
Our co-creation operation with international partners to expand our visibility and knowledge base



Social Entrepreneurship

Our business operation to productize our local solutions for creating socio-economic development

Maker Education



Electronics Lab

Circuits, Firmware,
Robotics, Networks,
Embedded Systems



Software Lab

Apps, DBMS, CMS,
DevOps, Data Science,
Cloud Computing



Mechanics Lab

CAD, 3D Printing, CNC,
Laser, Woodworking,
Metalworking



Business Lab

Design Thinking,
Financial + Business
Modeling, B2B, Pricing



Design Lab

Graphics, 2D / 3D
Animation, Multimedia



Art Lab

Photography, Story
Telling, MicroArts,
Music

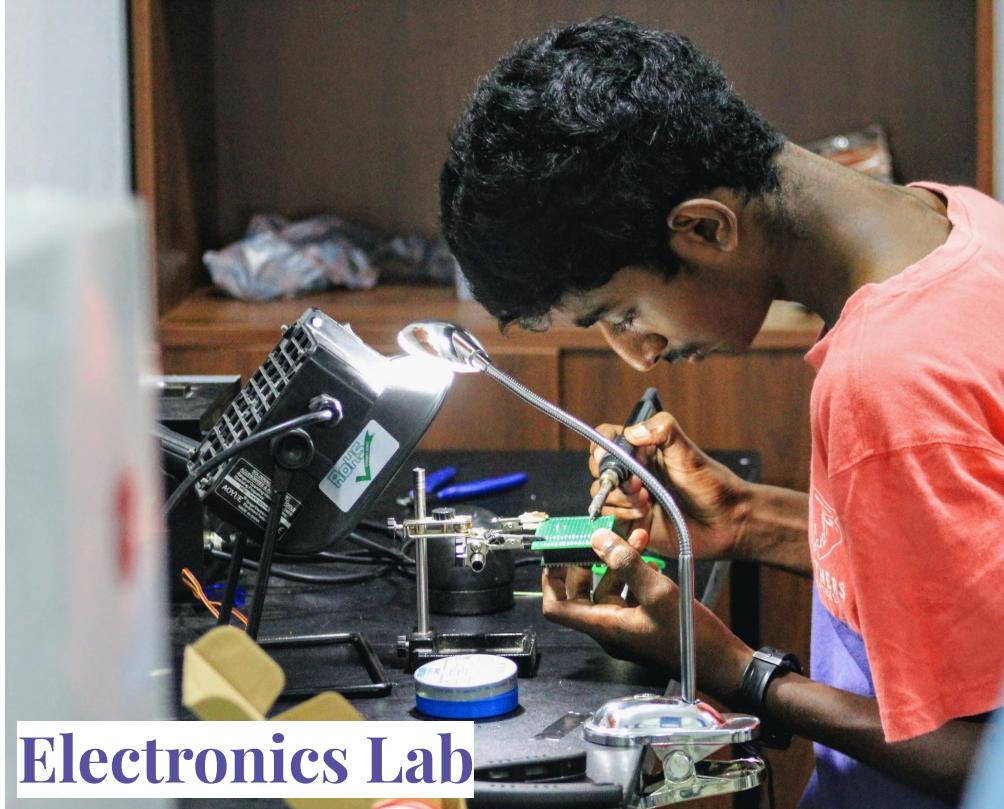


Wet Lab

BioTech, DNA
Sequencing, Mycology,
Genetics, BioChemistry



Maker Education



Electronics Lab



Mechanics Lab



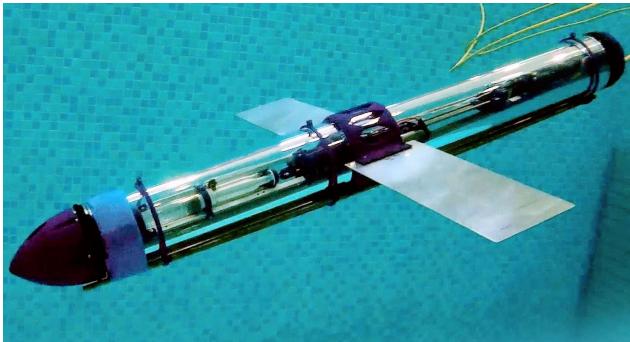
Source: dreamspace.academy

Maker Education



Source: dreamspace.academy

Community Innovation



Source: dreamspace.academy, hackaday.io

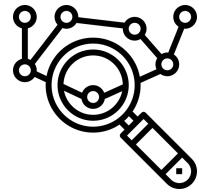
Community Innovation - Prototype To Production



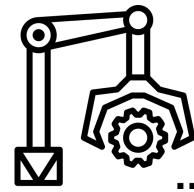
**Environmental
Sustainability**



**Open
Innovation**



**Research &
Development**



**Local
Manufacturing**

International Collaboration



Source: dreamspace.academy

International Collaboration - Partners



Proud to be



In Sri Lanka



STOCKHOLM
JUNIOR
WATER PRIZE

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



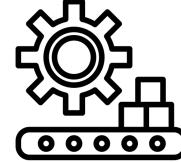
Socio-Economic Development

Employment and Skill
Development



Impact Investment

Startup Accelerator,
Incubator, Investors



Mini Factories

Regional Products, Conscious
Consumerism

Co-Creating The Dreams



Source: dreamspace.academy

Co-Creating The Dreams



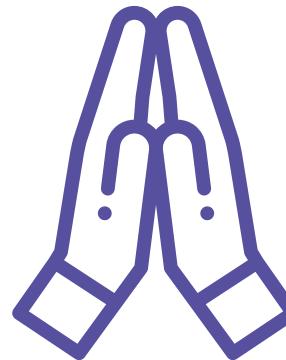
Source: dreamspace.academy

Co-Creating The Dreams



Source: dreamspace.academy

Thank You



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