



## ABOUT K-LAB FOUNDATION

The Korean Fab-Lab(hereafter K-LAB) is initiative by the Ministry of Science & ICT of Korea in partnership with the TIDE Institute and the Korea Engineers Alliance

### What is the K-LAB?

The Korean Fabrication Lab(K-LAB) is initiative by the Ministry of Science & ICT of Korea and National IT Industry Promotion Agency in partnership with the TIDE Institute and Korea Engineers Alliance.

The mission of K-LAB is to train Young Generation in Myanmar to share the advanced techniques and knowledge with Digital Fabrication Machines such as 3D Printer, Laser Cutter and CNC Router so they can make almost anything.

The K-LAB will provide Education Programs and Management Mentoring Services for Myanmar's Young Generation and Start-ups with the K-LAB programs.

### The details about the K-Lab Program are as follows:

- Running Maker-related educational programs
- Running contests for future entrepreneurs and makers
- Inviting relevant local authorities to South Korea



## CONTACT US

facebook.com/KLabMyanmar  
klabfoundation@gmail.com  
klabfoundation.org







## K-LAB & PARTICIPANTS

### Tide Institute & fablab seoul

Founded in 2011, TIDE Institute has ever since supported competitive hardware startup companies. TIDE has since created and has run a digital fabrication lab equipped with 3D printers, laser cutter, and CNC routers called Fab Lab seoul. Initiated in 2013 as the first of its kind in South Korea.

### About KEA

Since 1974, Korea Engineers Alliance(KEA) is non-profit organization which was founded by the people who were the main players in the industrial and economic development era of the Republic of Korea. KEA hold various Technology&business forum monthly.

### Introduction of The Ministry of Science, ICT

The Ministry of Science, ICT is a ministry of the Government of South Korea. Its purpose is to set, manage, and evaluate science and technology policy, support scientific research and development, develop human resources, conduct R&D leading to the production and consumption of Atomic power, plan national information and information protection strategies, manage radio frequency bands, oversee the information and communications technology (ICT) industry, and operate Korea Post.

### About NIPA

National IT Industry Promotion Agency (hereafter NIPA) devotes itself to reinforcing the competitiveness of the ICT industry and contributes to the economic growth through the efficient support and laying the groundwork for the industrial technology promotion.

## EQUIPMENT

3D Printer - CUBICON Style FDM



Working Space:150X150X150 mm

Laser Cutter - Xcut1390



Working Space:1300X900 mm

CNC Router - HSG F1325



Working Space:2440X1220X1500 mm

Table CNC - Roland SRM-20



Working Space:232X156 mm

Vinyl Cutter - Silhouette Cameo3



Working Space  
305X305 mm - with a cutting mat  
305X3,000 mm - with a tiled media

ARDUINO Kit



## PROGRAM

### Digital Fabrication Workshop

K-Lab is planning to provide a walk-in workshop for 3D printer, laser cutter, vinyl cutter, CNC router, and Arduino for beginners, once a month for each equipment

### Maker Mentoring

Through the discovering and implementation of entrepreneurial items, support training and mentoring for making prototype that can lead to actual startup

### Entrepreneurship Training

Spread Myanmar's local startup culture and find out the pre-founder and strengthen their capacity

### Make - A -Thon

A compound name of making and marathon, Make-A-Thon is a two-day event in which participants from various fields