

## About SLU



Saint Louis University (SLU) Baguio City was founded in 1911 by Belgian Catholic Missionaries as a one-room school. The institution steadily grew as it opened its first college courses in 1952, and obtained university status in 1963. Today, SLU has 8 schools and is the largest university in Northern Luzon. It has enjoyed full Autonomy Status since 2001 and has 8 Centers of Development and 3 Centers of Excellence. Driven by the CICM mission of total service, especially to the marginalized and the abandoned in society, SLU has developed a tradition of academic excellence and social responsibility.

### Mission - Vision

*"Saint Louis University is an excellent missionary and transformative educational institution that is zealous in developing human resources to be **creative, competent, socially involved** and imbued with the **Christian Spirit**."*



## About SEA

### Mission - Vision

*"The School of Engineering and Architecture envisions herself as an exemplary educational institution for engineering and architecture dedicated to elevating instructions, research, and extension to a high level of competence and creativity committed to shaping the socio-technical environment founded on Christian values."*

Rigorously trained and creative engineers and architects are vital to achieve a knowledge-based, sustainable future. The SLU School of Engineering and Architecture is a key player in this future.

Recognized as a Center of Development for most of its courses, the School continues to introduce innovations to the technological programs in the University. It strives to be the source of not only competent engineers and architects but also builders and makers whose characters are indubitable. It is not only a place where technical ingenuity is enhanced, but it is also where students are taught that the power of technology should be respected and valued for the good it can do for humanity.



# Silnag 2020

## ENGINEERING & ARCHITECTURE TECH CAMP

**"Technological Innovations  
for  
Sustainable Development"**

**May 20, 2020 to June 3, 2020**



Saint Louis University (SLU)  
External Relations, Media & Communications and  
Alumni Affairs (ERMCAA)  
School of Engineering and Architecture (SEA)

### SILNAG 2020 Fun Activities



# About Silnág

*silnág* - Ilocano term meaning to  
shine from the moon or blaze

The **Engineering and Architecture Tech Camp** “**Silnág 2020**” offers a program that introduces technological innovations to the participants through hands-on, project-based learning approach. The camp gives students a meaningful, hands-on introduction to the fundamentals of technology and design thinking methodology, challenging them to solve real-world problems and collaborate with their fellow students to create solutions. The program also incorporates Filipino language course, traditional music, dance classes and games, and tasting delicious Filipino cuisine. The participants will have tours to main tourist destinations and communities.

The technological training and the experiences they will gain from the camp will definitely become a fun-filled learning event for the participants. As the term **silnág** means shine or blaze, the camp is an avenue for the participants to shine radiantly as they grow in the spirit of unity, camaraderie and in learning in the midst of diversity.

## Program Schedule

### Day 1

Arrival and pick-up at Manila NAIA  
Travel to Baguio City

### Day 2

Opening Ceremonies  
Registration and Orientation  
Campus Tour

### Day 3

Course Introduction  
LECTURE 1: Introduction to 17 Sustainable Development Goals, Lecture on Team Formation  
LECTURE 2 Traditional Filipino Language and Culture, dances and games

### Day 4

LECTURE 3: Ideation and Design Thinking Workshop

### Day 5

City Tour  
Mountain hiking, trail walking  
Horseback riding  
Workshop on Solar painting

### Day 6

LECTURE 4: Internet of Things and Smart Solutions  
LECTURE 5 Designing and Programming Basics with workshop

### Day 7

LECTURE 6: Training Workshop on Designing the project, types of available sensors  
Workshop on interfacing and creating the project

### Day 8

Project Making and Hands-on workshop on 3D Printing and Laser Technology

### Day 9

Tour to Lily of the Valley Organic Farm  
Fun traditional games  
Overnight camping with bonfire and fun activities

### Day 10

Sunrise watching  
Fun outdoor activities

### Day 11

Project Making and workshop training

### Day 12

Shopping and Project making

### Day 13

Project and Poster presentations  
Awarding of best project and best poster

### Day 14

Tour to La Union Grape Farm and Dragon Fruit farm  
Swimming and games at La Union Beach resort

### Day 15

Cultural Presentations  
Tasting of Pinikpikan (Cordilleran Chicken Stew)  
Tapey (Rice Wine) drinking  
Farewell and Closing Ceremonies  
Giving of certificates and tokens to participants

### Day 16

Travel to Manila (departure)

