SUMMER CAMP (8-12 & 12-15 YRS)

Practice Entrepreneurship Skills (design thinking, teamwork, leadership & branding) while working on a focused topic.

- Digi-STEM Camp

Applications of Physics, Math, Chemistry, Biology and Astronomy in real life through several interesting group activities on: Rope-Climbing Robot, Gravity Battle Game, Bionic hand robot, Butterfly effect Lab, 3D cinema lab, Body organs lab, fractal tree game, Color changing clock, Aerospace lab

- Black Hole Camp (Adventure in Astronomy)

Learn real-world applications of Astronomy in order to fly to the moon through your own designed moon rover robot, wind-powered car, solar-powered rocket and solar planet constellations

- Drone Camp (Robotics & AI)

Learning basics of robotics, programming & AI through creating a smart rescue drone, smart Pac-man robot, and more!

- Rock-Scissor-Paper Camp (2D Graphic Design & AI)

Focused on teamwork and social activities while learning 2D graphic design, programming and AI through with designing a smart Rock-Scissor-Paper machine!

- Pac-Man Camp (2D Video Game & Robot Design)

A bridge from 2D artificial world to the real world through designing the Pac-Man 2D graphics and game as well as building the real smart Pac-Man robot escaping from ghosts in a maze!

- Digi-ball Shooter (3D Video Game & Robot Design)

A bridge from 3D artificial world to the real world by designing Digi-ball Shooter game as well as

3D printing and creating the Dig-Ball Shooter robot!

- Digi-bouncing Ball (Game Coding with Music Production)

Learn basics of game coding through "Digi-bouncing Ball" game and compose your first electronic song and sound effects for your own designed game.

- Digi-maker Camp (Smart Home)
Building your own smart home through Robotics and Electronics using Arduino and Raspberry Pie micro-controllers!

- Renewable Energies Camp
Design several wind, solar and water powered robots with variety of interesting experiments on each sources of renewable energies to practice real-world applications of physics, math, chemistry and astronomy in real world