

# MOONCAMP

## ROBOTICS

FOR AGES 8-15 YEARS

Experience interactive hands-on learning in robotics to enhance futuristic skills & foster an entrepreneurial mindset.

2 Weeks  
3 Hour Sessions/day

Starts at just

**\$599**

**REGISTER TODAY**



## MOONCAMP HIGHLIGHTS



Virtual Live Sessions



Group Projects



Soft & Life Skills Sessions



Hands-on Learning



Competition and Exercises

## LEARNING KITS

(Price included in the camp fee and will be shipped to you post-registration)



WORTH \$60

### MOONPRENEUR

A business strategy board game to build an entrepreneurial mindset



WORTH \$30

### TRAFFIC LIGHT DIY KIT

A DIY kit for hands-on experience on electronics and coding



WORTH \$60

### EMBEDDED LEARNER V2

A kit designed for tech enthusiasts to acquire technical skills

## LEARNING OUTCOMES

### EDUCATIONAL BENEFITS

- STEAM Learning
- Outcome-focused Learning
- Skill-based Learning
- Helps Develop Entrepreneurial Mindset
- Creative Stimulation

### FUTURISTIC BENEFITS

- Entrepreneurial Skills
- Problem-solving Skills
- Futuristic Skills Awareness
- Builds Interest in Robotics

### SOCIAL BENEFITS

- Teamwork
- Leadership
- Negotiation Skills
- Communication Skills
- Emotional Intelligence

## WHAT YOU WILL LEARN

Exciting world of microcontroller and street light
LED blinking and coding with street light and installation of IDE
Basics of electronics, closed and short and electronic components
Breadbord and using breadboard on Thinkrcad
Using breadboard, Arduino and loose components
Details about ELB, LEDs, 7 segment display programming and library introduction
Basics of serial port monitor, random number generation and dice example
Loops with examples
Case statement - some interesting example
About debugging - error cases and fixes
Functions

**REGISTER TODAY**

**Camp fee \$599**



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