

Welcome to Innovation

BOTNEST INNOVATION PROGRAM

Where Curiosity Meets Innovation

ABOUT US

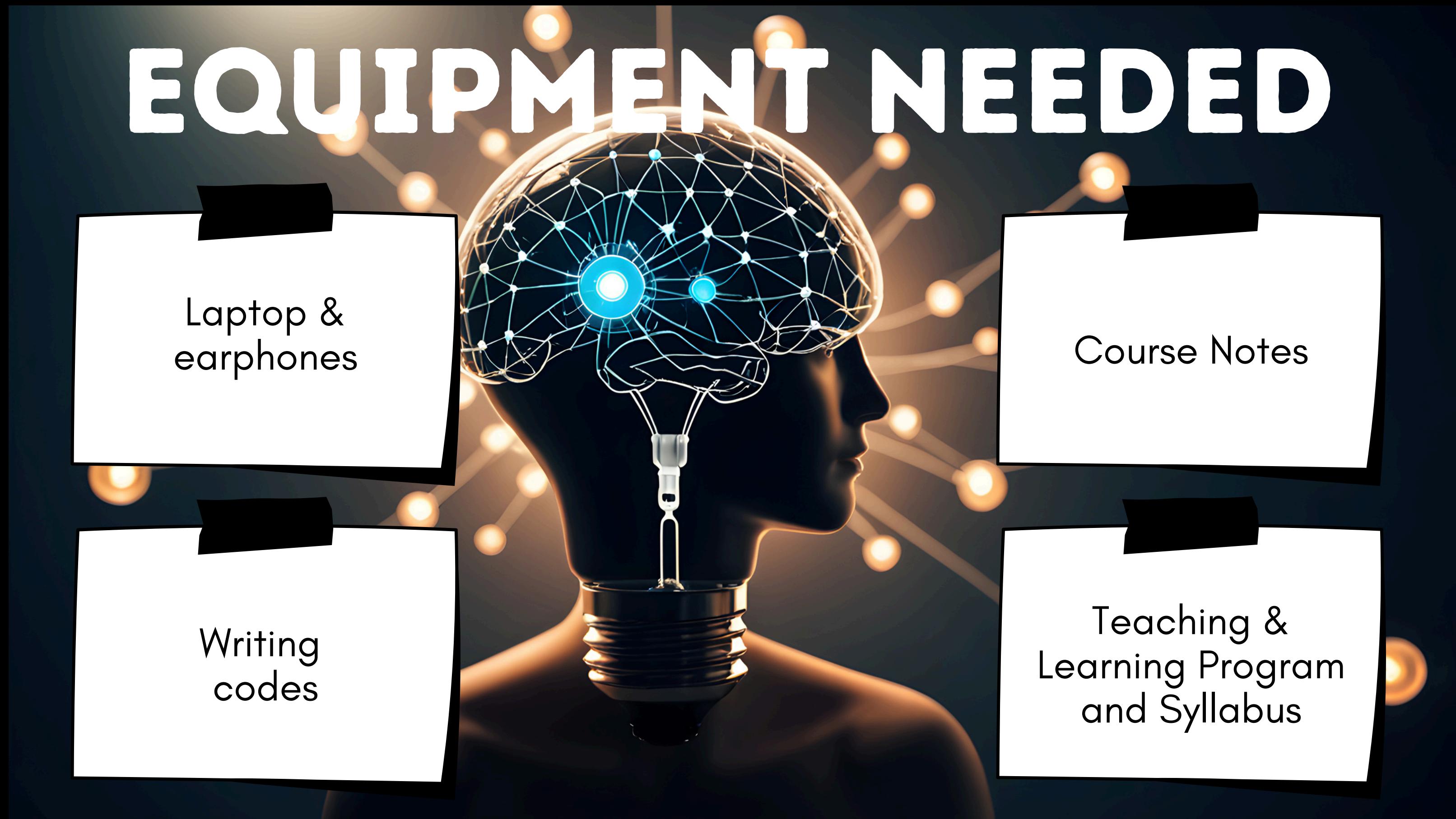
Welcome to BotNest!

BotNest is a technology learning hub dedicated to Robotics, IoT, and Smart Innovations. We help students explore ideas, write code, build machines, and turn imagination into reality.

Through interactive projects and expert guidance, we make learning fun, practical, and future ready. Let's innovate together!



EQUIPMENT NEEDED



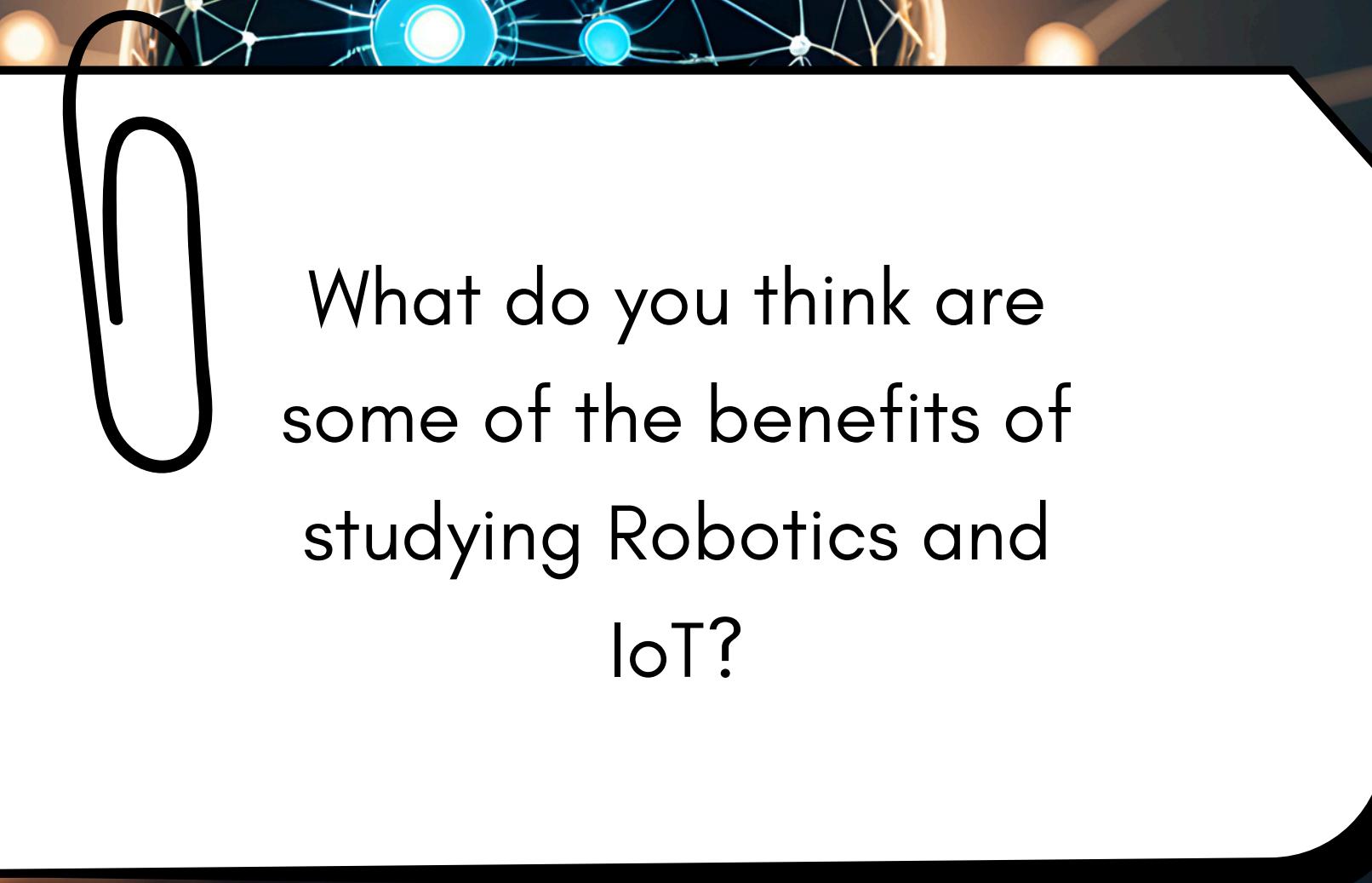
Laptop &
earphones

Course Notes

Writing
codes

Teaching &
Learning Program
and Syllabus

QUESTION



WHY STUDY ROBOTICS AND IOT?

Studying Robotics and IoT helps students understand how technology works in the real world

Develops critical thinking and analytical skills

These subjects also prepare students for future careers by teaching coding, electronics, and innovation skills

Broadens horizons through exposure to diverse perspectives

Develops Technology awareness and growth

Promotes understanding of global development

Fosters creativity and encourages self-expression

Prepares students for higher education and careers

COURSE OVERVIEW



- The **BotNest Robotics and IoT** course introduces students to intelligent machines and connected technologies through hands-on, project-based learning. Students explore electronics, coding, sensors, and wireless communication to build smart, automated solutions.
- The course develops problem-solving, creativity, and teamwork while preparing students for advanced studies, competitions, and future careers in engineering and technology.

CORE SKILLS

- **Problem-solving & logical thinking**
- **Basic electronics & circuit design**
- **Coding & computational thinking**
- **Sensor and actuator integration**
- **Robotics system design**
- **IoT connectivity & data handling**
- **Creativity & innovation**
- **Teamwork & communication**

SUPPORT

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LET'S HAVE A
GREAT YEAR!