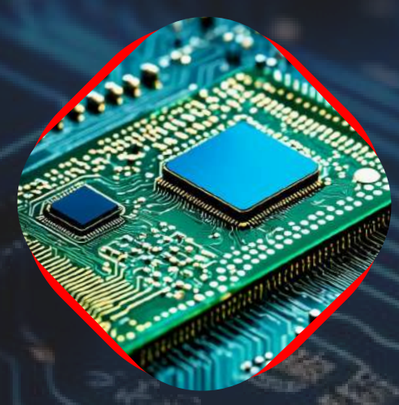
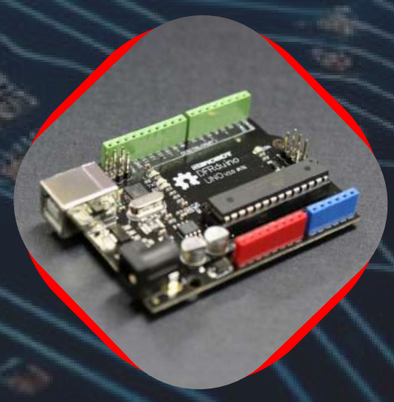
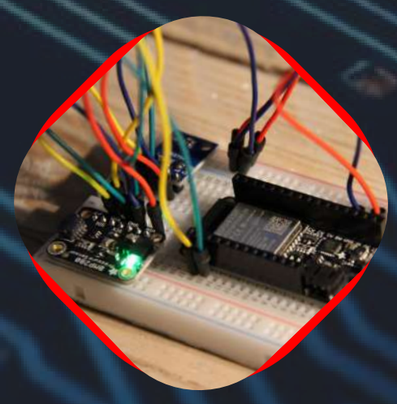
InventroniX

🎓 LAUNCH YOUR B.TECH PROJECT WITH CONFIDENCE!

From Concept to Completion — We've Got You Covered







We **InventroniX**, shape your ideas into reality.
We specialize in delivering end-to-end academic projects through a structured 5-stage implementation process, ensuring close collaboration and continuous updates at every step. Whether you bring us a concept or need help completing a stalled project, our team is here to guide, build, and elevate your innovation.

From complete project development to customized support, we adapt to student needs with flexibility and technical excellence. We also offer standalone documentation and professional PPT services - all at affordable, student-friendly prices.

InventroniX isn't just a service - it's a support system for future engineers.

Project Services

- End to End Project Development
- Choose from our Project list or From your Invention
- With Detailed Documentation And PPt
- 3 - 5 free Demo sessions for the Explanation

Doc & PPT Services

- Professional Documentation
- Power Point Presentation (PPT)
  - Animation (optional)
- Share your Project Photos /Notes
  - we will create clean, Academic ready Documents and PPTs

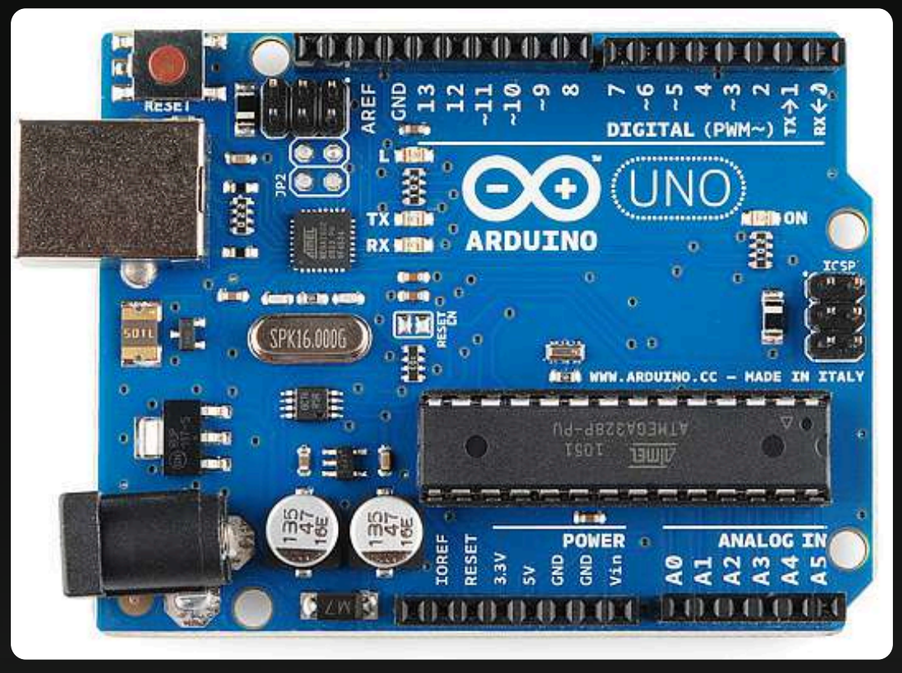
Orientation for Freshers – Career Opportunities in ECE

- Explore diverse career paths in ECE (core, IT, R&D, startups, govt.)
- Guidance on higher studies (GATE, GRE, TOEFL, IELTS)
- Insights into emerging domains – IoT, AI, 5G, VLSI
- Build your career roadmap with expert mentoring

INVENTRONIX WORKSHOPS & WEBINARS

- We at Inventronix have been conducting impactful workshops and webinars on the core aspects of ECE.
- Our programs are designed to blend theory with practical hands-on sessions, ensuring students are industry-ready with the latest skills.

Arduino Workshop



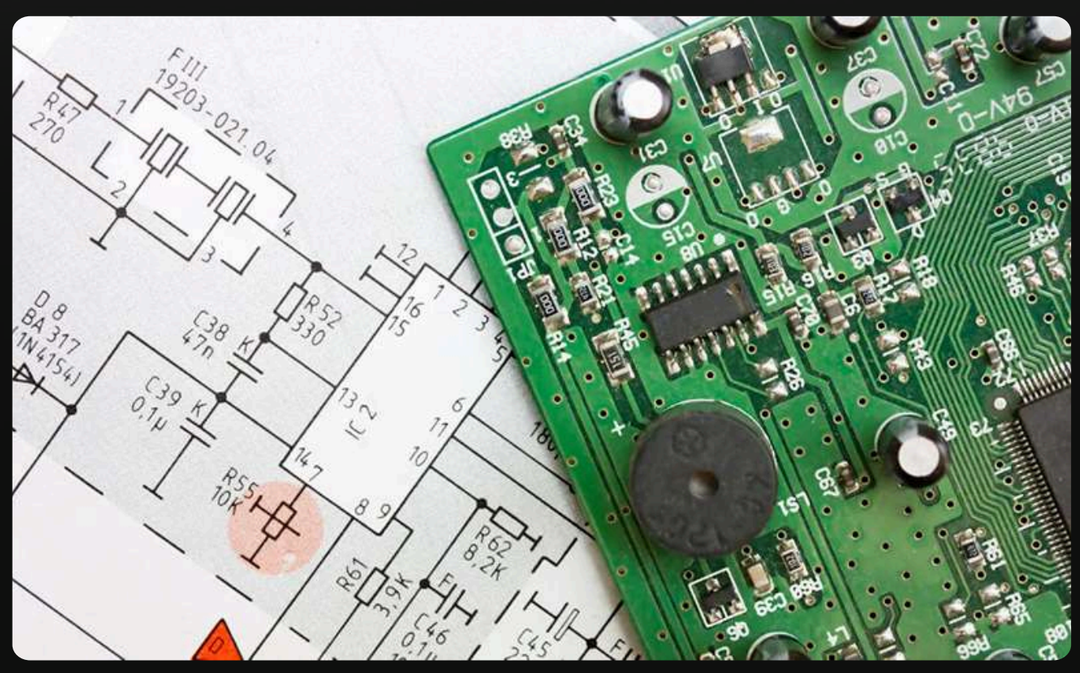
- Learn Arduino fundamentals & IDE setup
- Write your first Arduino program (LED blink, I/O control)
- Hands-on with sensors & motor interfacing
- Build a mini IoT/automation project

PCB Design & Fabrication Workshop

👉 A complete theory + practical workshop that takes students from

Concept → Design → Fabrication → Project Demo.

- Learn the basics of PCB design and its role in electronics
- Introduction to PCB design software tools
- Hands-on: Design your own circuit in PCB design software
- Practical: Fabricate your own PCB board



Final session: Hackathon challenge – apply learning to real-world project.

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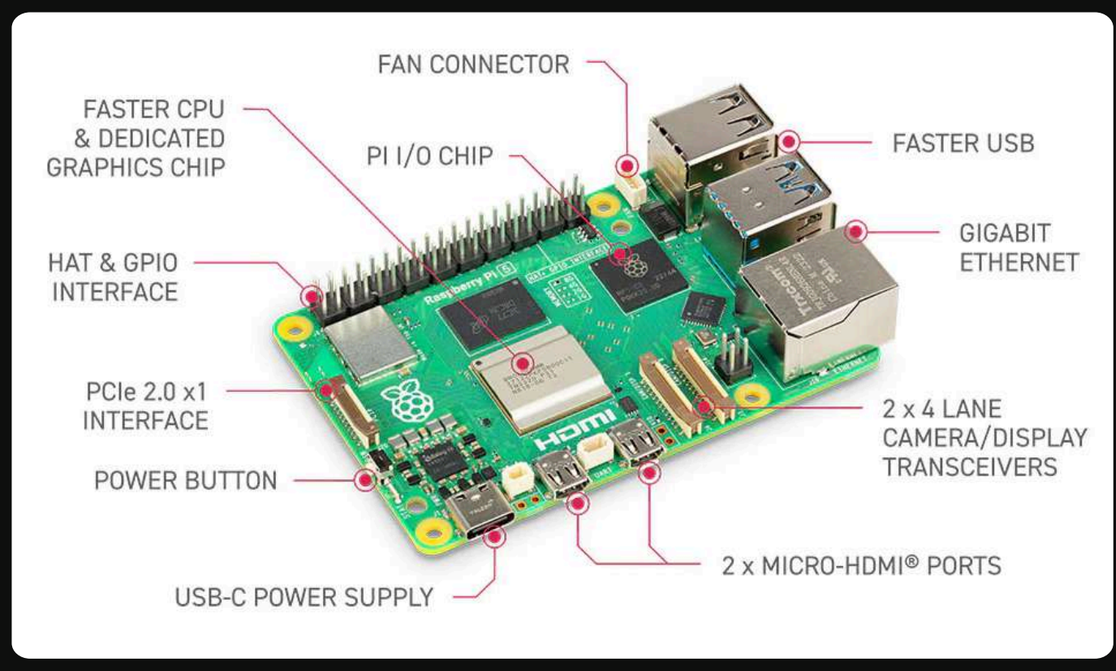
Raspberry Pi Workshop



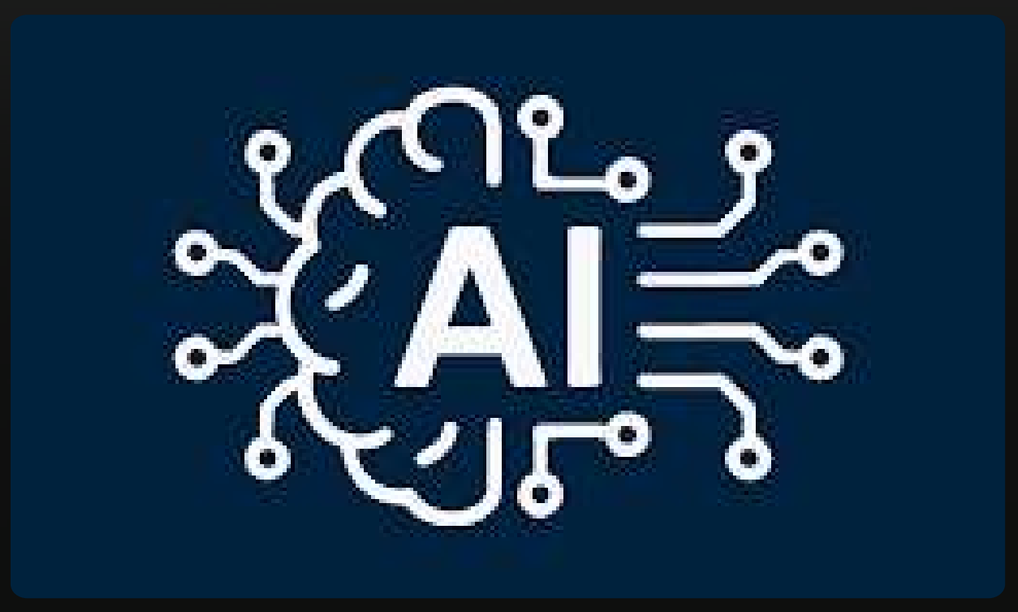
- Introduction to Raspberry Pi & Linux basics
- Programming with Python & GPIO control
- Hands-on with sensors & camera module
- Build projects in IoT & smart applications

Embedded Systems Workshop

- Learn embedded system architecture & applications
- Get started with microcontrollers & development boards
- Hands-on with sensor integration & real-time programming
- Build mini-projects in IoT & automation

Generative AI Workshop

- Understand AI & GenAI fundamentals (LLMs, GANs, Diffusion)
- Learn prompt engineering & effective use of AI tools
- Hands-on with ChatGPT, HuggingFace, Stable Diffusion
- Build mini-projects like AI chatbot, poster/image generator



"Each session is an opportunity to gain hands-on experience that textbooks alone cannot provide, ensuring students stand out in their careers."

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VLSI Workshop

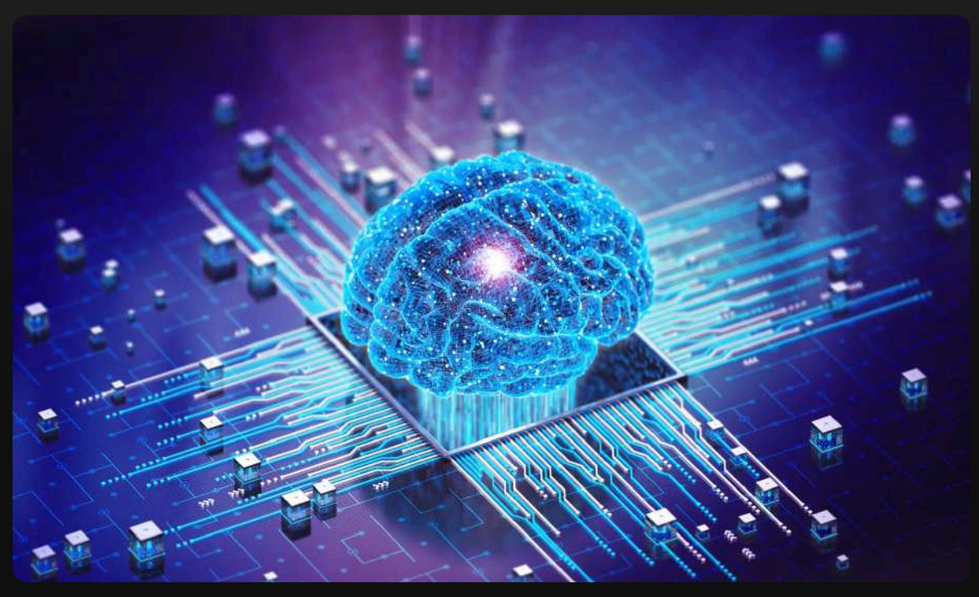
- Introduction to VLSI design flow & CMOS basics
- Hands-on with EDA tools (Xilinx/Quartus)
- Design & simulate logic circuits on FPGA
- **Mini-projects:** Traffic light controller, ALU design

Verilog & SystemVerilog Workshop

- Learn HDL design with Verilog
- Explore SystemVerilog extensions (OOP, assertions)
- Hands-on: flip-flops, counters, FSMs
- Mini-project: UART / simple processor block design

Embedded C with AI Workshop

- Master Embedded C programming basics
- Introduction to AI in Embedded (Edge AI, TinyML)
- Hands-on: deploy AI models on microcontrollers
- Mini-projects: gesture recognition, AI smart sensors



"Each workshop is carefully crafted to bridge academics with industry needs, giving students a practical edge in their careers."