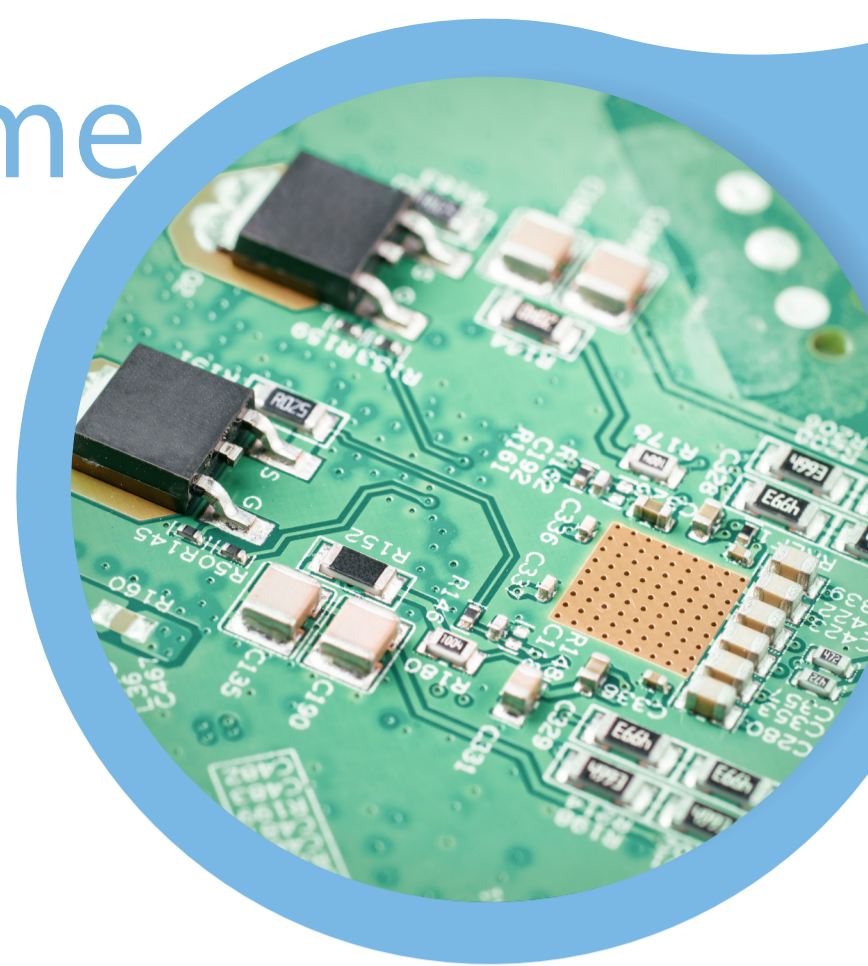


MTech (ESE) Programme Electronic Systems Engineering



- Systems span systems-on-chip to systems-off-chip.
- Breadth and depth of skill and expertise in these areas to achieve realisable systems is a need that is seriously lacking.
- Systems-on-chip and systems-off-chip development is a very interdisciplinary topic. It needs to be taught in an integrated manner to realise systems.
- Industry needs and looks out for electronic systems engineers.
- Semiconductor technologies and systems are being given a massive push for indigenisation.

WHY

- By ensuring students experience all the stages and processes involved in conceptualising, investigating, designing, and manufacturing electronic systems.
- By training students, to produce creative design leaders in electronic systems.

HOW

- Students will learn about digital VLSI, analog VLSI, IoT, FPGA, embedded systems, analog electronics, digital electronics, power aspects, electronic packaging, communication networks, and system integration and design.
- Students will do one-and-a-half year projects on industry-relevant electronic systems.

WHAT

- BE/BTech or equivalent degree with a GATE paper in EC, EE, IN.
- Admission mode: GATE or CFTI with CGPA ≥ 8.0
- Selection will be based on the interview.
- Those who have an aptitude and passion to *create, invent, make*.

WHO



MORE INFO

www.iisc.ac.in



ADMISSIONS THROUGH CFTI MODE



ADMISSIONS THROUGH GATE MODE