



# MTech in Electronic Product Design (EPD)

DEPARTMENT OF ELECTRONIC  
SYSTEMS ENGINEERING  
Indian Institute of Science, Bengaluru

## Hands-on Programme to become an Entrepreneur, become Atmanibhar

This is part of a special manpower development programme (SMDP) funded by MeITY to give a push towards entrepreneurship and self-reliance in electronic product design.

### WHY

There is significant lack of entrepreneurs/industries in the electronic product segment.

Tech startups in the electronic product discipline are very limited.

There is a need to push towards entrepreneurship and self-reliance in electronic product design. This programme is consistent and complements the national Atmanirbhar programme.

### WHAT

Students will learn about IoT, embedded systems, analog electronics, digital electronics, mechatronics, power aspects, electronic packaging, microfabrication, communication networks, industrial design, thermal design, product design, go-to-market projects, entrepreneurship and tech startup aspects.

Students will do one-and-a-half year projects with strong industry relevance and stronger industry mentorship.

**Students will be ready to become entrepreneurs at the end of the programme.**



### HOW

By ensuring students' experience at all the stages and processes involved in conceptualising, investigating, designing, and manufacturing electronic products, by training students to produce creative design.

By training students, to produce creative design leaders in electronic products and to produce future entrepreneurs in electronic product design.

By providing strong entrepreneurship background along with strong electronic product design skills.

Hand-holding even beyond the MTech programme by providing support for incubation.

### WHO

BE/BTech or equivalent degree with GATE paper in EC, EE, IN, ME.

Admission mode: GATE or CFTI with CGPA  $\geq$  8.0

Selection will be based on the interview.

Those who have an aptitude and passion to *create, invent, make*. Those who have passion for hands-on work, electronics, system integration, using workshop tools, 3D printing, laser cutting, CNC operation, CAD modelling, sheet metal work, design thinking, ideation, business pitching, business ethics, company law, and team work.

#### MORE INFO

<https://dese.iisc.ac.in/>

#### ADMISSIONS

Through GATE mode

<https://admissions.iisc.ac.in/>

Through CFTI mode

<https://iisc.ac.in/admissions/m-tech-through-cfti-mode/>



MORE INFO



ADMISSIONS THROUGH  
GATE MODE



ADMISSIONS THROUGH  
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