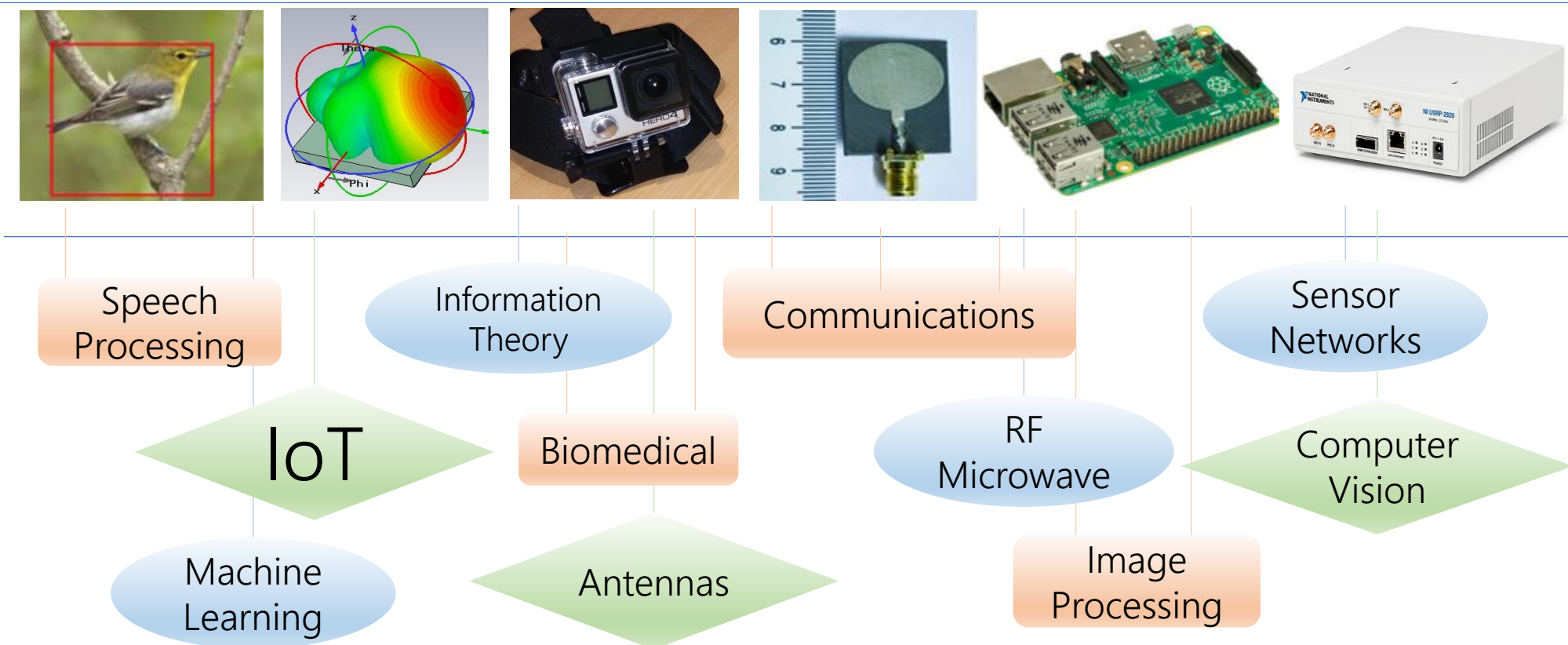




M.Tech. (CSP)

Communications and Signal Processing



- ✓ A two-year programme (including one year project) involving applied communications, signal processing and machine learning.
- ✓ Facilities available:
  - ✓ HPC cluster
  - ✓ DSP boards
  - ✓ GPUs
  - ✓ NVIDIA boards
  - ✓ NI USRPs
  - ✓ Raspberry Pi
  - ✓ High end cameras
  - ✓ Beaglebone
  - ✓ MATLAB
  - ✓ Artik boards
  - ✓ CST  $\mu$ wave Studio
  - ✓ FPGA
  - ✓ LabVIEW
- ✓ Wireless Sensor Nodes (Wasp mote, Zolertia ZI)
- ✓ Evaluation boards and Development kits (from TI, Nordic, Powercastco etc.)

- ✓ Application oriented curriculum.
- ✓ Elective courses designed to provide a specialization option\*:  
*Signal Processing, Communications, Machine learning.*  
Students can also choose not to specialize.
- ✓ Possible industry involvement in the M.Tech projects.
- ✓ Entrepreneurship support for interested students through IIT Mandi Catalyst.

**ELIGIBILITY**

BE/B. Tech. (ECE/EEE/IN/Telecom) &

Valid GATE Score in EC

\*Subject to approval from the Senate