

'IITH mote' – Wireless Sensor Communication Module

IITH mote features

- **IITH Mote** – Designed & developed in-house, low cost wireless sensor network platform
- IEEE 802.15.4 compliant RF transceiver
- Operating frequency 2.4 to 2.4835 GHz, ISM band width 250 Kbps data rate
- 8 MHz at Mega microcontrollers, 8 kb RAM
- Tiny OS/Contiki
- Low current consumption.
- **General purpose applications** like
 - Environmental Monitoring
 - Agricultural
 - Smart home/ Green Building Systems
 - Pollution Monitoring
- Teaching /R&D to educational institutions



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