



**Dr Emjee Puthooran**

**Assistant Professor (Senior Grade)**

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## **Educational Info**

**BTech:** University of Calicut

**MTech:** IIT Roorkee

**PhD:** IIT Roorkee

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## **Research Interests**

Biomedical Instrumentation, Biomedical Image Processing and Soft Computing Techniques

## **Laboratory, Courses, Awards & Honours**

**Subjects:** Electrical Science, Signals and Systems, Telemetry and Remote Control, Embedded Systems, Signal Processing, Medical Instrumentation.

**Laboratories:** Electrical Science, Electrical Measurements and Measuring Instruments, Signal Processing, Biomedical Instrumentation, Transducers and Signal Conditioning.

**GATE-2004 Score:** 99.31 percentile (AIR: 36)

## **R&D Projects Involved:**

- **Load Estimation in Electric Power Distribution System**, funded by Central Power Research Institute (CPRI), Bangalore, done at IIT Roorkee.
- **Power Supply Card for Mirage Air Craft, Automated test equipment (ATE) for Power Supply Unit** - a development project for the Indian Air force, done at C-DAC (Erstwhile ER & DCI), Thiruvananthapuram.
- **IPM based chopper circuit, Consultancy for Wave Energy Systems, Kochi** done at Thiruvananthapuram.