

## **FACULTY PROFILE**



**Name : Mrs.P.Padmapriya, M.E, (Ph.D).**

Designation: Assistant Professor (SG)

Department of ECE,

Hindustan Institute of Technology and Science

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Experience: 7.6 in years

Research area: Bio-Signal Processing, Rehabilitation Engineering,  
Bioinstrumentation

### **Patents:**

1. Filled for **Patent** Registration with the title “**Design and Implementation of Metropolitan Bus Access System for Visually Impaired Persons**”, 2017.
2. Filled for **Patent** Registration with the title “**Design of a Personal Healthcare Device for Early Detection of Labor by Monitoring Physiological Parameters**”, 2016.

### **Recent Publications: (last 5 years):**

Nil

### **Projects:**

Nil

### **Achievements:**

1. “**Detection and Analysis of Skin Cancer Dynamics Using Infrared Thermal Sensor**” project is selected for “**FAER Contest**” which is to be presented in upcoming June 2018.
2. **Design and Implementation of Independent Metropolitan Bus Access for VIP using ZIGBEE**” is been selected in the “**Smart India Hackatron Contest**”, 2016-2017 and proud to say that we are the only batch in south India who selected in top 5 finalist.
3. **Design of Portable T-Rays Device**” is been selected in the “**FAER Contest**” in 2016-2017 and presented that project in MSJIRT, Bangalore on June 22nd & 23rd 2017.