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Student Training  
Program on

# Signals and Communication

29 Feb – 1 Mar, 2020

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by Dr Arzad Alam Kherani

and Dr Sreejith T V

EECS Department, IIT Bhilai

# Program Schedule

## Day 1 (29 Feb 2020)

**9:00 am – 10:00 am: Registration**

**10:00 am – 10:30 am: Welcome Breakfast**

**10:30 am – 11:30 pm: Introduction to software defined radio, basic modulation schemes**

**11:30 am – 12:30 pm: Study of one low power wide area network communication protocol**

**12:30 pm – 2:00 pm: Lunch Break**

**2:00 pm – 5:00 pm: Hands on SDR receiver of LPWaN protocol**

**5:00 pm: Evening snacks & end of the day's session**

## Day 2 (1 Mar 2020)

**10:00 am – 11:30 am: Introduction to OFDM and application in LTE and WiFi (1)**

**11:30 am – 12:00 pm: Tea Break**

**12:00 pm – 1:30 pm: Introduction to OFDM and application in LTE and WiFi (2)**

**1:30 pm – 2:30 pm: Lunch Break**

**2:30 pm – 4:30 pm: Hands on OFDM over SDR**

**4:30 pm: Valedictory Session & End of the Program**