



**BMS**

**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Open course details 2019-20 (even semester)**

Course name	Image Processing with MATLAB/PYTHON and its Applications	Pattern Recognition	Data Structure Using C and Python	5G technology and antenna design	Intelligent multimedia communication
Faculty in-charge/s	Prof. Surekha R Gondkar	Dr.. Vijayalakshmi G V  Prof. Chandrabha R  Dr. Dankan G	Prof. Ravindra Asundi  Prof. Suryakanth B M  Prof. Shivarudraiah B	Prof. Rashmi N  Dr. R Ambika	Prof. Shilpa Hiremath  Prof. Mamatha K R  Dr. Shanti Chandra
Total registration	71	52	38	71	26

**Electromagnetic Frequency Spectrum**

- The electromagnetic frequency spectrum is divided into -
  - Subsections or bands, with each band having a different name and frequency boundary
  - The International Telecommunications Union (ITU) is an international agency that controls the allocation frequencies and services within the overall frequency spectrum

The diagram shows the spectrum from  $10^3$  to  $10^{12}$  Hz, with corresponding wavelengths and common names of waves. Sources are also indicated for each band.

Venue: Online

Date: 16<sup>th</sup> June to 20<sup>th</sup> June 2020

Open Course In-charge  
Prof. Shilpa Hiremath

HOD  
Dr. R Ambika