

## B. SURENDRA BABU

Assistant Professor

Electronics and Communication Engineering

Bapatla Engineering College, Bapatla.

Email: surendrabachina@gmail.com



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### Biography

Received MTech from KL University in 2012. Working as Assistant professor in the department of ECE in BEC Bapatla.

My research is in the broad area of Wireless communications, NOMA for 5G ,OFDM for FRA.

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### Awards & Honors

- 1.
- 2.

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### Selected Publications

**1.B.SurendraBabu, K.UdayaChandrika, K.Bhavyanaga sri, L.Renuka, K.Geetha sai “EFFICIENT ENCODING OF LDPC CODES FOR eMBB IN 5G-NR”, in Journal of Engineering Sciences (JES) (UGC approved) March 2020, Volume 11, Issue 3 , ISSN NO:0377-9254**

**2. Surendra Babu, V. Vikranth , P. Lokesh · V. Bhanu V. Sandhya “PERFORMANCE ANALYSIS OF DECODING SCHEMES OF LDPC CODES IN 5G-NR”, in International Journal of Creative Research Thoughts. (IJCRT) (UGC approved) March 2020, Volume 8, Issue 3, ISSN: 2320-2882**

**3. B.Surendra Babu, G Mahesh, K Nagaraju “A Rectangle Novel Multiband Patch Antenna For Satellite Applications”, in Journal of Emerging Technologies and Innovative Research (JETIR) (UGC approved) February 2020, Volume 7, Issue 2 .**

**4. B. Surendra babu, Sk. Idrish, “Design of Metamaterial based UWB Antenna : A Review ”, International Journal of Applied Sciences, Engineering and management (IJAEM) volume 9, Issue 1, JANUARY 2020 - ISSN: 2320-3439.**

**5. B.Surendra Babu, “PERFORMNACE OF ERROR CORRECTION CODES FOR 5G COMMUNICATIONS”, in SPRINGER-5<sup>th</sup> International Conference ICMEET-2019 , Micro-Electronics, Electromagnetics and Telecommunications, RAGHU INSTITUTE OF TECHNOLOGY During 6<sup>th</sup> and 7<sup>th</sup> December -2019.**