

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**Jnana Sangama, Belagavi - 590 018**



**Performance Analysis of channel estimation techniques  
for MIMO OFDM systems**

*PhD Thesis Submitted in Partial Fulfillment for the Award of Degree of*

**Doctor of Philosophy**

**in**

**Faculty of Electrical and Electronics Engineering  
Sciences**

**(Electronics and Communication Engineering)**

*By*

**Pappa M**

**(USN: 1CR12PEN02)**

*Under the Supervision and Guidance of*

**Dr. Ramesh C**

Professor, Department of Electronics and Communication Engineering



**Research Center**

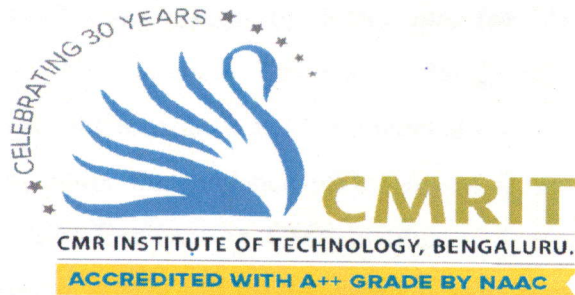
**Department of Electronics and Communication Engineering**

**CMR INSTITUTE OF TECHNOLOGY**

**BENGALURU – 560 037**

**JUNE 2022**

*Research Centre*  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
CMR Institute of Technology, Bengaluru-560 037



**CERTIFICATE**

This is to certify that **Pappa M** with **USN: 1CR12PEN02**, Research Scholar Department of Electronics and Communication Engineering, CMR Institute of Technology, Bengaluru, registered for Ph.D. under the guidance of **Dr. Ramesh Ch** has successfully completed the research work entitled **“Performance analysis of channel estimation techniques for MIMO OFDM systems”** and is submitting her thesis in partial fulfillment of the requirements for the award of degree of **“DOCTOR OF PHILOSOPHY”** in Electrical Engineering Sciences, by **VISVESVARAYATECHNOLOGICAL UNIVERSITY, Belagavi.**

Signature of the Guide  
**Dr. Ramesh C**

Department of Electronics and  
Communication Engineering  
CMR Institute of Technology  
Bangalore-560 037

Name of Examiners

1.

2.

Signature of the Head of  
Research Centre

**Dr. R. Elumalai**

Department of Electronics and  
Communication Engineering  
CMR Institute of Technology  
Bangalore-560 037

Signature of Head of the  
Institute

**Dr. Sanjay Jain**  
Principal  
CMR Institute of Technology  
Bangalore - 560037

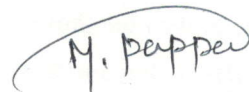
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## DECLARATION

I hereby declare that the entire work embodied in this Doctoral Thesis entitled, **“Performance analysis of channel estimation techniques for MIMO OFDM systems”** submitted to Visvesvaraya Technological University, Belagaviis carried out by me at Research Centre, Department of Electronics and Communication Engineering, CMR Institute of Technology, Bengaluru, under the guidance of Dr. Ramesh C, Professor, Department of Electronics and Communication Engineering, CMR Institute of Technology, Bengaluru. This thesis has not been submitted in part or full for the award of any Degree or Diploma of this or any other University.

Date : 16.12.2022

Place : Bengaluru



**(Pappa M)**  
Research Scholar  
USN: 1CR12PEN02

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