

**Chaitanya Bharathi Institute of Technology (A)**  
**Department of Electronics and Communication Engineering**

**1.3.4: Students undertaking Field Projects/Internships INDEX**

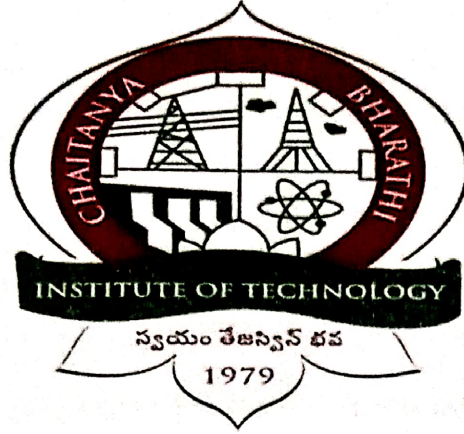
**M E C E**

<b>Student Name</b>	<b>Roll No.</b>	<b>Page No.</b>
P Nissy Chandra	160122744003	1
T krishnaveni	160122744005	2

*S. V. S.*



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)



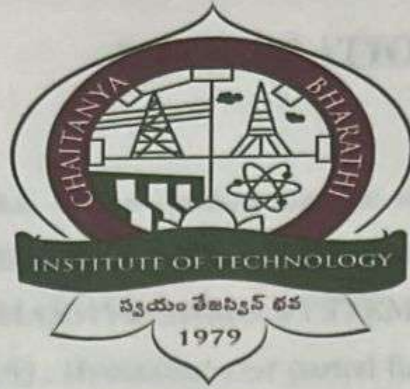
## BONAFIDE CERTIFICATE

This is to certify that Project work entitled “**PERFORMANCE ANALYSIS of WIRELESS ACCESS in VEHICULAR ENVIRONMENTS (IEEE802.11P) by using ML ALGORITHMS in V2V COMMUNICATION**” is carried out by **T Krishnaveni** bearing **Roll No. 1601-22-744-005** in partial fulfilment of the requirements for the degree of Master of Engineering in Communication Engineering, Chaitanya Bharathi Institute of Technology (A), Affiliated to Osmania University, Hyderabad during the academic year 2023-2024. This work has been carried out as part of the objectives of the project sponsored by SERB, DST, New Delhi, India under SURE scheme vide sanction letter. No. SUR/2022/004990. The results embodied in this report have not been submitted to any other university or Institution for the award of any degree.

**Supervisor,**  
**Dr. Vinodh Kumar Minchula**  
Associate Professor & Research Coordinator

**Dr. K. Yasanth Kumar**  
Associate Professor & HoD ECE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)



**BONAFIDE CERTIFICATE**

This is to certify that Industrial Project /Dissertation Phase II report “**PERFORMANCE ANALYSIS OF CHANNEL ESTIMATION TECHNIQUES FOR MASSIVE MIMO SYSTEM**” is the bonafide work of “**P. NISSY CHANDRA**” bearing Roll No.: **1601-22-744-003** of **M.E (Communication Engineering)** who carried out major project under my supervision during the academic year **2023-24**.

Name: P. Nissy Chandra  
Date: 24/8/24

P. NISSY CHANDRA  
(160122744003)

**SIGNATURE**

**Dr .T. Aravinda Babu**

Assistant professor

Department of ECE .

CBIT.

**SIGNATURE**

**Dr . K. VASANTH**

Head of the Department

Department of ECE.

CBIT.