



Lovely Professional University

Established by an Act of the Legislature of the State of Punjab, the Lovely Professional University Act, 2005 (Act No. 25 of 2005), and recognised by the University Grants Commission under Section 2(f) of the UGC Act, 1956

On recommendation of the Academic Council,
Lovely Professional University admits

Kiran Uppula

S/D/o Mr. Sambaiah Uppula and Ms. Suguna Uppula
to the degree of
Doctor of Philosophy
(Electronics and Communication Engineering)

having completed the prescribed requirements in the year 2024.

**Title of Thesis: RELAY BASED OPTIMIZATION OF ENERGY
CONSUMPTION IN MULTI-HOP COOPERATIVE CELLULAR
COMMUNICATION**

Given under the seal of the University
at Phagwara, Punjab, India.



Manica Gulati

Registrar

Rashmi Kaur

Vice Chancellor

Usha Kaur

Chancellor

Certificate Number : 362928

Registration Number : 41900740

This Degree can be authenticated by submitting the certificate number to www.lpu.in/authenticate or e-mail to recordverification@lpu.co.in

Lovely Professional University
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website: www.lpu.in

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1989156



H.T No. : **1203PH08D3**

Mr. Bharatha Satheesh

S/o. Pitchaiah

having fulfilled the academic requirements in *August - 2023*
has been admitted by the Executive Council to the Degree of

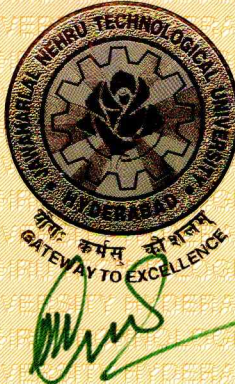
Doctor of Philosophy

Electronics & Communication Engineering

Topic: "Design in Power-Limited Scaling Regime for 1T1R-SRAM Cells Using Fin FET Technology".

Given under the Seal of the University

Date: 05-01-2024



K. Venkateswara Rao

[Signature]

[Signature]

**DIRECTOR OF UNIVERSITY
EXAMINATIONS**

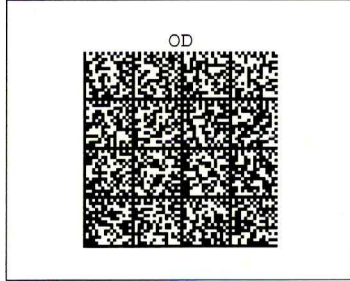
REGISTRAR



VICE-CHANCELLOR



412114113514

PC No
323002145



Hall Ticket No. :	<u>1203PH08D3</u>
Verified by :	<u></u>
	 Controller of Examinations