



**Koneru Lakshmaiah Education Foundation**

(Deemed to be University u/s. 3 of the UGC Act, 1956)

Campus: Green Fields, Vaddeswaram, Guntur District, Andhra Pradesh, India. PIN 522 302  
Phone No. 08645 - 350200; www.kluniversity.in; www.klef.edu.in



K  
L  
E  
F

Ref: KLEF/AR/Ph.D/Engineering/2021-22/342

Date: 15-07-2021

## NOTIFICATION

It is hereby notified that the Vice Chancellor In-charge, on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled “**SECURE ENERGY EFFICIENT ROUTING AND MAC PROTOCOL USING CROSS LAYER APPROACH FOR HETEROGENEOUS ENVIRONMENT IN WSN**” submitted by **MANISHA RAJENDRA DHAGE, Research Scholar, Koneru Lakshmaiah Education Foundation (Deemed to be University) with Registered Number 13303003, Department of Computer Science and Engineering, under the supervision of Dr.V. Srikanth, Professor, Department of CSE, KLEF for the award of Ph.D. Degree, and on consideration of the report submitted by the Examiners of the VIVA-VOCE Board, has ordered that **MANISHA RAJENDRA DHAGE** be declared qualified for the award of the **Degree of Doctor of Philosophy (Ph.D) in “Computer Science and Engineering”** in the “**Faculty of Engineering**” of this University.**



(Prof.Y.V.S.S.S.V. Prasada Rao)

REGISTRAR Registrar  
Koneru Lakshmaiah Education Foundation  
(Deemed to be University)  
Green Fields, VADDESWAREM-522 502.  
Guntur District, Andhra Pradesh.

To  
**MANISHA RAJENDRA DHAGE,**  
Research Scholar,  
Registered Number 13303003,  
Department of Computer Science and Engineering,  
Koneru Lakshmaiah Education Foundation (Deemed to be University)

**EXALTING EDUCATION, EPITOMISING EXCELLENCE**

Admin. Office: 29-36-38, Museum Road, Governorpet, Vijayawada, A. P., India. PIN 520 002

Phone No. +91 - 866 - 3500122, 2577715, 2576129