



K.R. Mangalam University

Sohna Road, Gurugram, Haryana, India
(Established under Haryana Private Universities (Amendment) Act No. 8 of 2013)
Approved under Section 2(f) of UGC Act 1956

Upon the recommendation of the Board of Management of the University confers this Degree of

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE AND ENGINEERING

to

MONIKA

S/D/o Mr. Sham Sunder and Mrs. Dhanpati Devi

on successful completion of the research work on the topic of

"Design and Development of Intrusion Detection System Architecture by Using Ensemble Deep Neural Networks and Explainable Artificial Intelligence in Healthcare"

in accordance with the Regulations of the University Grant Commission (UGC), 2016
and awarded on Sunday, 25th February 2024

के. आर. मंगलम विश्वविद्यालय

सोहना रोड, गुरुग्राम, हरियाणा, भारत
(हरियाणा निजी विश्वविद्यालय (संशोधन) अधिनियम, 2013 संख्या 8 के अंतर्गत स्थापित)
(विश्वविद्यालय अनुदान आयोग अधिनियम 1956 की धारा 2 की खण्ड (एफ) के तहत मान्यता प्राप्त)

विश्वविद्यालय के प्रबंध मंडल की अनुमति पर

डॉक्टर ऑफ फिलॉसफी इन कम्प्यूटर साइंस एंड इंजीनियरिंग

की उपाधि

मोनिका

पुत्र/पुत्री श्री शाम सुन्दर व श्रीमती धनपति देवी, को

निम्न शीर्षक पर सफलतापूर्वक शोधकार्य का समापन करने के उपरान्त

"Design and Development of Intrusion Detection System Architecture by Using Ensemble Deep Neural Networks and Explainable Artificial Intelligence in Healthcare"

विश्वविद्यालय अनुदान आयोग (यूजीसी) 2016 के विनियमों के अनुसार
रविवार, 25 फरवरी 2024 को प्रदान की गई।

Registrar
कुलसचिव



Registrar

Vice - Chancellor
कुलपति

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Ref. No.: KRMU/EXAM/PROV/2023/Ph.D./29

Date: 24/04/2023

PROVISIONAL CERTIFICATE

This is to certify that Monika Roll No. 1601990001 has qualified for the award of degree of Doctor of Philosophy in Computer Science and Engineering of this university with the thesis title "Design and Development of Intrusion Detection System Architecture by Using Ensemble Deep Neural Networks and Explainable Artificial Intelligence in Healthcare" after having completed all the requirements prescribed for the award of the degree.

hachajan



Controller of Examinations

[Signature]

Registrar

K.R. Mangalam University
Sohna Road, Gurugram (Haryana)