

09.06.25 to 15.06.25

# CYBER GAZETTE

NEWS LETTER

09.06.25 TO 15.06.25



DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING  
(CYBER SECURITY)



School of Engineering

**DAYANANDA SAGAR UNIVERSITY**

MAIN CAMPUS,  
HAROHALLI, KANAKAPURA - 562112

# RESEARCH ACCOMPLISHMENTS

## International Conference on Computing Technologies (ICOCT)

Dr.Mubeen Ahmed Khan has presented paper entitled Adaptive Multi Stream Modified CNN-LSTM Based Real-Time Sign Language Translation with 3D Pose Estimation and Temporal Modelling in 2025 International Conference on Computing Technologies (ICOCT) Organized by Jyothy Institute of Technology, Bengaluru.



# RESEARCH ACCOMPLISHMENTS

## Optimisation Strategies for Next-Generation AI, ML, and IoT Applications

09 May 2025

Dr. Mubeen Ahmed Khan has published a book chapter titled "Optimisation Strategies for Next-Generation AI, ML, and IoT Applications" published in "Applications of Computational Learning and IoT in Smart Road Transportation System".

This chapter explores the transformative role of computational learning techniques and the Internet of Things (IoT) in building smart, adaptive, and efficient road transportation systems. By integrating AI-driven optimization with real-time sensor data, the work provides deep insights into future-ready traffic management and transportation analytics.

Book Series: Springer Tracts on Transportation and Traffic (STTT), Volume 22

First Online: 09 May 2025

Chapter Pages: 163–184

Publisher: Springer Nature



The screenshot shows the Springer Nature Link interface. At the top, there is a navigation bar with 'find a journal', 'Publish with us', 'Track your research', and a search icon. Below this, the breadcrumb trail reads 'Home > Applications of Computational Learning and IoT in Smart Road Transportation System > Chapter'. The main title of the chapter is 'Optimisation Strategies for Next-Generation AI, ML, and IoT Applications'. Below the title, it indicates 'Chapter | First Online: 09 May 2025' and 'pp 163–184 | Cite this chapter'. On the right side, there is a book cover image for 'Applications of Computational Learning and IoT in Smart Road Transportation System'. Below the book cover, there is an 'Access' button and a 'Log in via' button. At the bottom of the page, there is a list of authors: 'Md. Ali Wahed Hossain, Md. Forkan Rossan Farim, Muhammad Mansur Usman, Tariq Haido Serdar, Md. Arifur Rahman Moidul' and '© Mubeen Ahmed Khan'. A small icon indicates that this is part of the book series 'Springer Tracts on Transportation and Traffic (STTT volume 22)'.

# FACULTY ACCOMPLISHMENTS

Recent Trends and challenges in Artificial Intelligence , Biomedical Science and Healthcare Informatics for Society 5.0 using New Age Technologies

5-6 June 2025.

Dr. Dilip Kumar Jang Bahadur Saini has successfully organized a special session on the topic “Recent Trends and challenges in Artificial Intelligence , Biomedical Science and Healthcare Informatics for Society 5.0 using New Age Technologies” for the First International Conference on Artificial Intelligence, Computation, Communication and Network Security (AICCoNS 2025) held in the University of Wollongong in Dubai, 5-6 June 2025.



# FACULTY ACCOMPLISHMENTS

Exploring AI Applications through MATLAB: From Image Processing to Generative AI

19-05-2025 to 23-05-2025.

Prof.Vinitha V participated in the Five-Day Online Faculty Development Programme on 'Exploring AI Applications through MATLAB: From Image Processing to Generative AI' Conducted by the Department of Artificial Intelligence and Data Science of Jyothi Engineering college in association with CoreEL Technologies, Bangalore and MathWorks from 19-05-2025 to 23-05-2025.

