

## Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MCTS) Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2 Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA www.hicet.ac.in

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## **Certificate of Presentation**



This is to certify that

**Balveer Singh** 

has sucessfully presented a research paper entitled

Advancements and Challenges in Visual-Only Simultaneous Localization and Mapping (V-SLAM): A Systematic Review

at the

2<sup>nd</sup> International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024) organized by Hindusthan College of Engineering and Technology, Coimbatore, India on 10-12, July 2024

Session Chair

Dr. B. Anand Conference Chair

Dr. J. Jaya Principal





## KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR.



This Certificate is presented to Dr./Prof./Mr./Mrs.

**Balveer Singh** 

For His/Her Paper Titled

YDM-SLAM: YOLOv8-powered Dynamic Mapping of environment using ORB-SLAM3

in the 2<sup>nd</sup> IEEE International Conference on Data Science and Network Security (ICDSNS - 2024) organized by Kalpataru Institute of Technology, Tiptur, 26<sup>th</sup> - 27<sup>th</sup> July 2024.

Dr. Maithri C

Professor & Head Dept of CSE, KIT, Tiptur Dr. Raviprakash M L

Professor & Head Dept of AI&ML, KIT, Tiptur Dr. G.D. Gurumurthy

Principal KIT Tiptur