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DEPARTMENT OF COMPUTER SCIENCE (SF)

Organised by

INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTATIONAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT GOALS (ICRTCTS - 2025)

25th MARCH 2025

Editors
Dr.C.Thirumoorthi
Dr.S.Rekha

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SAFETY MOBILITY DESIGN FOR PEDESTRIANS AND PERSONS WITH DISABILITIES IN VANET

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Abstract

The Best classroom in the world is at the feet of persons. In Transportation, Intelligent Transportation System (ITS) improves the quality of senior citizen people lives. ITS plays a vital role in the applications of road transportation. ITS uses advanced technologies that enclose computing, sensors, communication and controls. On commercial as well as safety grounds their requirements and importance should not be neglected in ITS developments. One of the arms of ITS is that it enhance vehicle safety as well as it ensures secure for pedestrian. This paper presents here about what are all the health issues of pedestrian and what are all the recent way of dealing the problem faced by the pedestrian and some recommendation are also disclose. In addition to that this paper mainly focuses on the safety and security concern of pedestrian. At the end of the paper it has been discern how technologies impact with the safety of road users and also with few directions for further research.

Keywords-Intelligent Transportation System (ITS), Vehicle Safety, Pedestrian Safety, Road modification

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This is to certify that Prof/Dr/Mr/Ms R. SHIDDHARTHY, ASSISTANT PROFESSOR
of NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI
participated / presented a paper entitled SAFETY MOBILITY DESIGN FOR PEDESTRIANS AND PERSONS WITH DISABILITIES IN VANET *in the International Conference on "**Recent Trends in Computational Technologies and Sustainable Development Goals" (ICRTCTS - 2025)** organized by the Department of Computer Science(SF) on 25th March 2025 at PSG College of Arts & Science, Coimbatore - 14.*

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