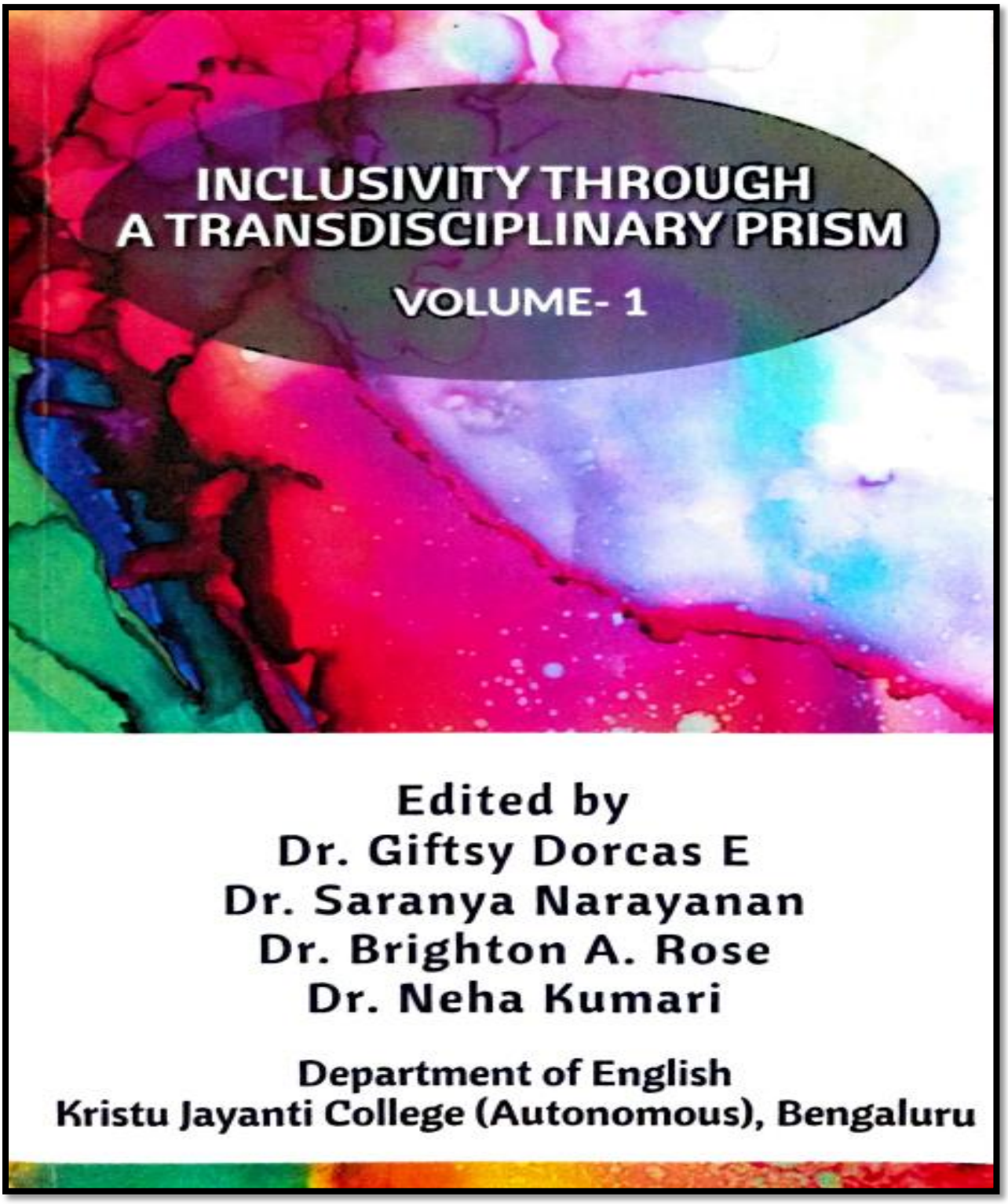

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V. Devi 09/08/24
PRINCIPAL
Principal
THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.

CHAPTER VII

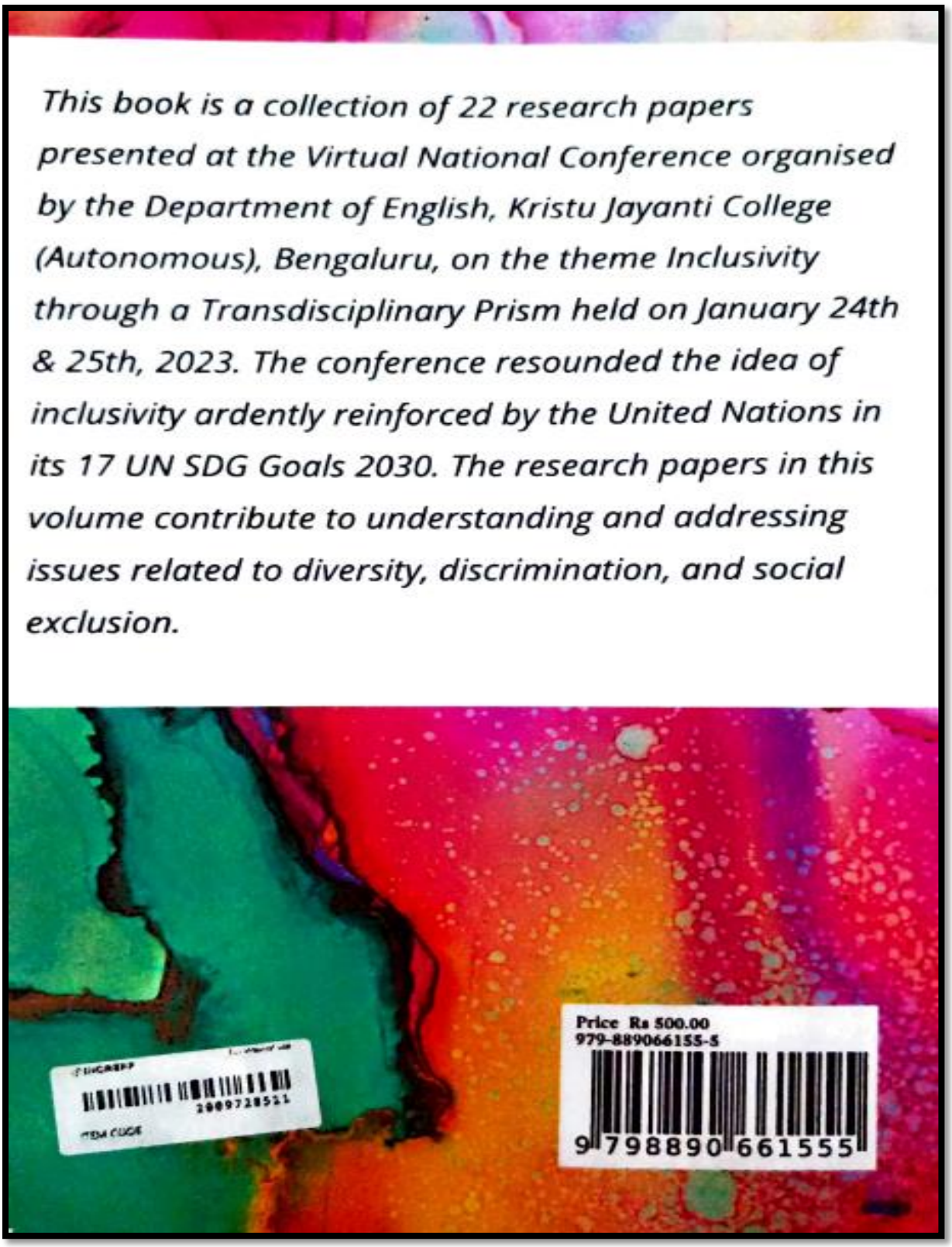
A National Inclusive Education Framework to Schools on Their Journey Towards Inclusion

Dr. K. C. Lalithambika

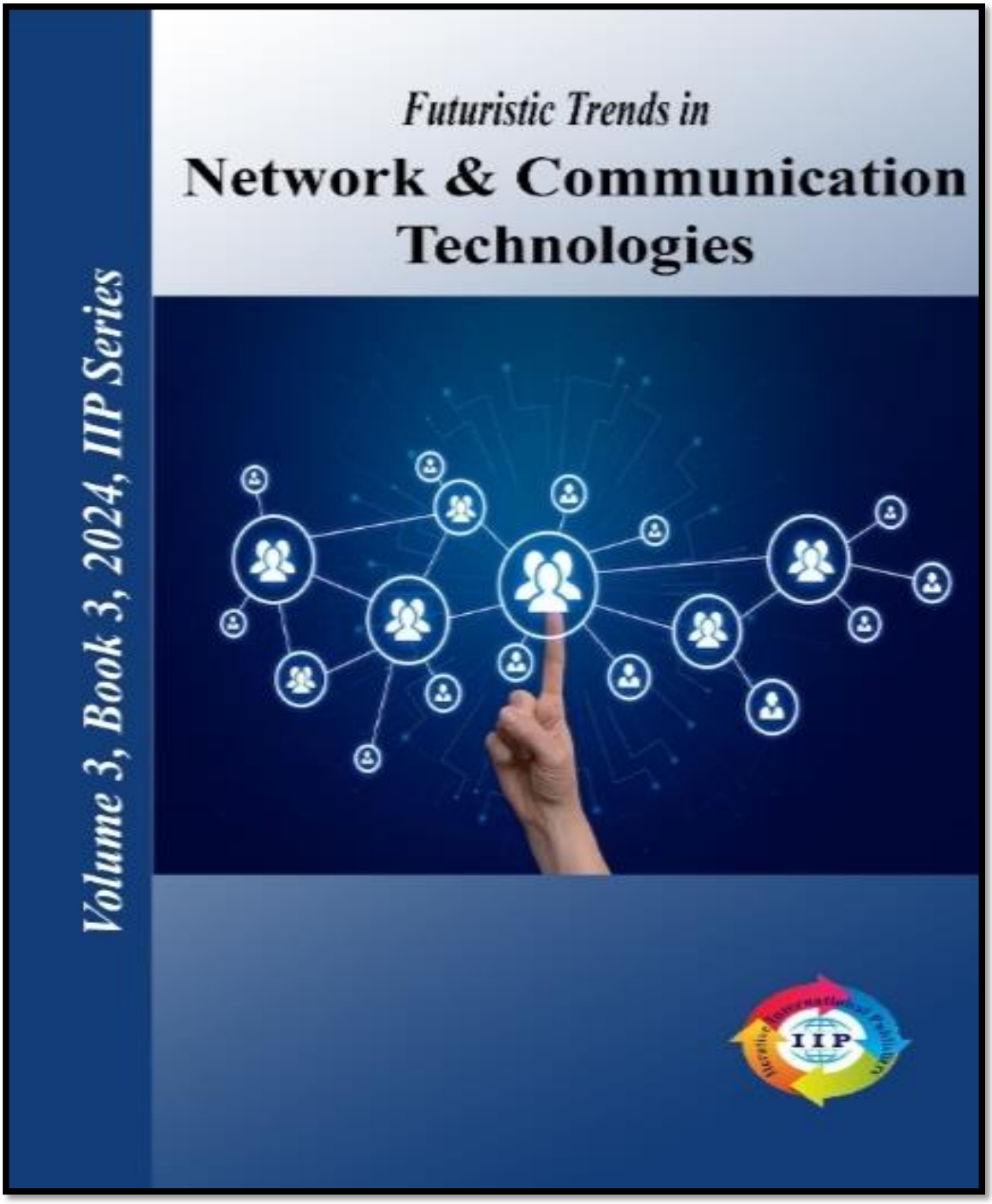
Associate Professor of English & Vice Principal, Thiruthangal Nadar College, Selavayal,Chennai -51, Tamilnadu, India

Abstract

This structure celebrates excellent works that have been done in school for a long time. It attempts to integrate these beneficial methods in order to offer all students, teachers, parents, and the larger community an effective and efficient service. In order to ensure that the educational structure is modified to meet the requirements of the learner and not the additional way around, it is practical sources that invite schools to start a insightful journey to significantly interact with and assess the comprehensive practices in the school community. This framework supports the institution of an comprehensive school atmosphere that ensure that the entire students have the chance to obtain the essential skills and attitude to be energetic citizen and to be successful at effort and in the social order, which is the line with the education strategy of the Ministry for Education and Employment (MEDE) as stated in the structure for the Education policy for Malta 2014–2024 (MEDE, 2014). In the direction of promoting the inclusion of all students community, diversity ought to be recognized in our school and exploited as a



V. Devi 09/08/24
PRINCIPAL
Principal
THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.



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SOFTWARE DEFINED NETWORKS-A WORKING PRINCIPLES, OPERATIONS BY USING BOTTOM-UP APPROACH AND ALTERNATE METHODS

SOFTWARE DEFINED NETWORKS-A WORKING PRINCIPLES, OPERATIONS BY USING BOTTOM-UP APPROACH AND ALTERNATE METHODS

Abstract

SDN is a developing architecture that is dynamic, manageable, cost effective and adaptable making it ideal for the high bandwidth, nature of today's applications.SDN that aims to improve the control of network and flexibility. The architecture of SDN decouples the network control to become directly programmable and the underlying infrastructure to be abstracted for applications and network services. The chapter concentrates the working of SDN, requirements of SDN, the responsibilities of SDN and the components interaction. The techniques bottom-up was utilized in the SDN device, controller and the Applications. The device is constructed by the API structure for the interaction with the layer protocol and it constitutes with the data packets to inculcate the function. The flow tables are the fundamental data structures in an SDN device, which allow the device to evaluate incoming packets and take the action based on the content of the packet that has been received.

The section I contributes the functions availability of the open SDN. Section II focus the working and the alternate principles of the SDN. The Section III demonstrate the accomplishment of the SDN for the better replacement with 2 classification SDN via API's and SDN via Hypervisor-Based Overlay Networks.

This chapter defines the basement characteristics in which the SDN works in various platform. It is emergence to notice that there is no basic alternative choices to implement between the hypervisor-based overlay network approach to SDN and open

Authors

Dr. Ninu SB
Associate Professor
Thiruthangal Nadar College
Chennai, Tamil Nadu, India.

Dr. V. Devi
Principal
Thiruthangal Nadar College
Chennai, Tamil Nadu, India.

V. Devi 09/08/24
PRINCIPAL
Principal
THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.

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THE CENTRAL OF REMOTE SENSOR MATERIALS, TECHNOLGIES AND APPLICATIONS UTILIZED SECURITY AND PROTECTION OF INFORMATION

THE CENTRAL OF REMOTE SENSOR MATERIALS, TECHNOLGIES AND APPLICATIONS UTILIZED SECURITY AND PROTECTION OF INFORMATION

Abstract

Remote Sensor Organization remains as perhaps of the most arising innovation consolidating together detecting, computational ability and correspondence into minute gadgets continuing towards entirely different universe of effortlessness. The plan of a WSN relies fundamentally upon the application, and it should think about elements like the climate, the application's plan targets, cost, equipment, and framework limitations. There is a need of a transitional programming layer between the sensor equipment and the sensor network applications that might be named as middleware. In remote sensor organization, an assortment of little sensor hubs conveys through radio connection point. For the most part Remote Sensor Organization (WSN) comprises of many conveyed gadgets spatially, utilizing sensors to screen different circumstances at different places, including temperature, sound, vibration, strain, movement or contaminations. WSN goes about as a middle person between the genuine actual world and the virtual world.

Keywords: Wireless Sensor Network (WSN), Sensor Node, Temperature, Sound, Vibration, Pressure, Motion, Security, challenges

Author

T. Rekha
Assistant Professor
Department of Computer Applications
Thiruthangal Nadar College
Selavayal, Chennai, India.
rekha.t@thiruthangalnadarcollege@edu.in

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THE IMPORTANCE OF INTERNET TECHNOLOGIES IN MODERN ERA

THE IMPORTANCE OF INTERNET TECHNOLOGIES IN MODERN ERA

Abstract

By using the web, individuals can advance in practically all circles of life. As it's an overall association of the PC organization, it can connect individuals from everywhere and make networks. It's an extraordinary approach to giving and getting to data and is accessible practically everywhere. Being quick, effectively accessible and modest, it's an extraordinary approach to trading data across the globe, saving time all the while. You never again need to sit around idly running for data - it's accessible on your PC screens currently, making the world more modest. Innovation keeps on being a basic power for change on the planet. Innovation leap forwards give undertakings more prospects to lift their efficiency and create contributions. And keeping in mind that it stays challenging to conjecture how innovation patterns will work out, business pioneers can prepare better by watching the improvement of new advances, guessing how organizations could use them, and grasping the variables that influence development and reception

Keywords: Communication, Education, Leisure, Smarter Health Tracking, Robotic Process Automation (RPA)

Authors

M. Rubini
Associate Professor
Pt. Lee. Chengalvaraya Naicker Arts and Science College
India.
rubinitnc@gmail.com

K. Somasundaram
Associate Professors
Department of computer application
Thiruthangal Nadar College Selavoyal
Tamilnadu, Chennai
India.

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NAVIGATING THE TELEMATICS LANDSCAPE: APPLICATIONS, TECHNOLOGY, CHALLENGES AND IMPACT

NAVIGATING THE TELEMATICS LANDSCAPE: APPLICATIONS, TECHNOLOGY, CHALLENGES AND IMPACT

Abstract

A combination of informatics and telecommunications is telematics. The phrase "telematics," which combines the words "telecommunications" and "informatics," refers to the use of IT and communication to send, store, and receive data from devices to distant objects across a network. Nowadays, voice commands can be used to control anything. In-car voice recognition technologies have been developed by a number of automakers and independent vendors, improving how users interact with their automobiles. Without barely moving a finger, a motorist can change the radio station, turn on the headlights, and use GPS by using simple voice instructions. By doing so, accidents are less likely because the driver can concentrate on driving. Time-series data is used in IoT-powered predictive maintenance, which is a logistically responsible and cost-effective technique. By doing so, accidents are less likely because the driver can concentrate on driving. Time-series data is used in IoT-powered predictive maintenance to detect parts that need maintenance in a cost-effective and logistically responsible way. This strategy saves time while also lowering the cost of part replacement and assisting drivers in avoiding aggravating roadside circumstances.

Author

S. Sathya
Assistant Professor
Department of Computer Applications
Thiruthangal Nadar College
Selavayal, Chennai, India.
tncsathya@gmail.com