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3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years

Compliance of DVV Findings

Compliance 1:

Cover page, content page, first page and last page of the book/publication showing title, author name along with the content page, ISBN number and year of publication of all the books listed in all the 5 years, attested by the principal. (Other than journals/research papers in edited volumes of Proceedings listed in 3.3.2)

A.Y. 2020-21

Sr. No.	Title of the book/chapters published	Name of the teacher	ISBN/ISSN number of the proceeding	Year of publication
1	Data Acquisition and Knowledge Management in IoT: Security Issues, Challenges, and Road Map Ahead	Dr. S. D. Babar	978-981-33-4996-4_5	2021
2	Sarcasm Detection in Online Social Network: Myths, Realities, and Issues	Dr. S. D. Babar	978-981-33-4996-4_15	2021
3	Text Book on SE (E&TC) SPPU syllabus for "Electrical Circuits	Ms. Vijaya G. Rajeshwarkar	ISBN: 978-93-89889-49-9	2021
4	Computer Graphics" for SE Computer of BATU, Lonere ,	Ms. P. P. Ahire	9789390506439	2021
5	Computer Graphics" for SE Computer of SPPU Pune	Ms. P. P. Ahire	9789390437351	2021
6	Microcontroller for TE E&TC engineering SPPU Pune , ISBN : 978-93-91567-60-6, Oct 2021	Dr. D. S. Mantri	ISEN 9789319570686	2021

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1. Data Acquisition and Knowledge Management in IoT: Security Issues, Challenges, and Road Map Ahead

Data Acquisition and Knowledge Management in IoT: Security Issues, Challenges, and Road Map Ahead

Chand Shekhar Singh and Anshu K. Singh

Abstract In this digital era of IoT, data security and management are becoming more and more important. The security issues and challenges in the domain of data acquisition and management in IoT are discussed. This paper deals with the introduction of IoT security, data acquisition, knowledge management, and security issues. This paper presents a few security challenges and a road map ahead in the domain of IoT security. It is necessary to make a road map ahead in the domain of IoT security. This paper presents a few security challenges and a road map ahead in the domain of IoT security.

Keywords - IoT, IoT - Data security, Data acquisition

1. Introduction

IoT - Internet of Things is a network of interconnected devices that can communicate with each other. It is a network of devices that can communicate with each other. It is a network of devices that can communicate with each other. It is a network of devices that can communicate with each other.

1.1. Introduction
The Internet of Things (IoT) is a network of interconnected devices that can communicate with each other. It is a network of devices that can communicate with each other. It is a network of devices that can communicate with each other.

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considered. This research work is a part of a larger project on the security of data in IoT. The research work is a part of a larger project on the security of data in IoT.

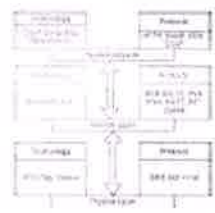
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1.4. Introduction
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2. Road Map

The road map ahead in the domain of IoT security is to make a road map ahead in the domain of IoT security. It is necessary to make a road map ahead in the domain of IoT security. This paper presents a few security challenges and a road map ahead in the domain of IoT security.

Fig. 1. Road Map of IoT Security



security and privacy issues. Fig. 1 illustrates the road map ahead in the domain of IoT security.

The road map ahead in the domain of IoT security is to make a road map ahead in the domain of IoT security. It is necessary to make a road map ahead in the domain of IoT security. This paper presents a few security challenges and a road map ahead in the domain of IoT security.

3. IoT Security Challenges

- 1. Data security
- 2. Data privacy
- 3. Data integrity
- 4. Data availability
- 5. Data confidentiality
- 6. Data authenticity
- 7. Data non-repudiation
- 8. Data accountability
- 9. Data traceability
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Sarcasm Detection in Online Social Network: Myths, Realities, and Issues



L. K. Ahire, Sachin D. Baber, and Gitanjali B. Shinde

Abstract Sarcasm is a statement used by sophisticated people on social media and blog-oriented websites. It is used to express the indirect information on the statements which is already making a noise on social media. It is a platform where the various forms of judgement or critical statements are shared by millions of people. And it becomes highly difficult to identify whether the statements made here is compliment or mockery, satirical, sometimes are used for purpose to identify. This increases the scope and need for recognizing the sarcastic statements for improving automatic sentiment analysis. Sentiment analysis is categorized as the method of identification and aggregation of the sarcastic statements by various users for specific analysis or opinions. Sarcasm detection systems use different types of techniques such as Rule-Based Approach, Machine Learning Approach, and Context-Based Approach. The system analyzes sarcasm detection on the Twitter dataset by using techniques such as Support Vector Machine, Random Forest, Naive Bayes, and Maximum Entropy.

Keywords Twitter • Sentiment analysis • Sarcasm detection • Machine Learning • Classification

1. Introduction

With the rise of smartphones and very high speed internet services, the number of users is rapidly growing up on social media websites like Facebook, Twitter,

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Instagram, etc. The increased volume of data produced is becoming very huge every day. Nearly 17 percent of users increase yearly, and the mobile users have reached 3.7 billion according to Statistics from GlobalWebIndex [1]. People feel free to open up on social media platform and place their opinions on the same, for example, about an event or disease products as well as business strategies. Some people use social media as a platform to set up their business and also exchange their ideas about starting new start-ups and many more things than, by using such a great platform people can share their views worldwide. There are 1.59 billion active users on Facebook every month, and each user is a friend of 130 people on average [2]. Also, there are 500 million people using Twitter, among whom 3.2 million are active [3]. People post 340 million tweets, and 1.6 trillion queries are searched each day [4].

As data are growing rapidly, a number of challenges are faced by this sudden rise like storing, processing, and accessing data. Dealing with these huge data and verification becomes a tougher task. Among these huge collected data, most of the data are unstructured. With the developing technology, people are provided with many new ways of interaction, from text messages to images and video sharing. In today's social media world, many manufacturers use social media as a platform for their product marketing and take feedback from customers about their products. Everyone uses social websites to see the latest trend and news about any event or other things. When an event occurs or any new product is launched in the market, people start discussing the same and take an active part in giving their feedback. On the other hand, many people read the reviews and comments posted by the people about the event or product. These reviews and comments from users on the social media platform also help organizations for improving their product or event. However, it is a very complex task to find and verify the legitimacy of opinions or reviews.

"Sarcasm is defined as a specific type of sentiment where people express their negative feelings using positive or indirect positive words in the text". To understand which opinions or reviews are expressed as sarcastic is a highly difficult task by reading manually all the opinions. Besides, the common user will have difficulty in understanding sarcasm in tweets or opinions about the product which may be misleading to the user. It is an indirect statement that represents an important disagreement between the real situation and the content used in the statement. For example, a comment from user, "I find happy in waste time while waiting for a delayed train" shows the difference between the real situation of being "frustrated while waiting for a delayed train" and the statement also contains "happy". This shows there is a contradiction in the given sarcastic statement that sarcasm is a special type of sentiment analysis as depicted in Fig. 1. The sarcasm detection will improve the automatic sentiment analysis of the huge quantity of heterogeneous social data. It is a text classification problem that involves some machine learning techniques like stemming, stop word removing, etc. in feature extraction.

Sarcasm detection is a vital area of research in natural language processing. Fields like sentiment analysis and classification of texts containing sarcasm often do not result in the misleading analysis of data. Generally, sarcasm is not considered but

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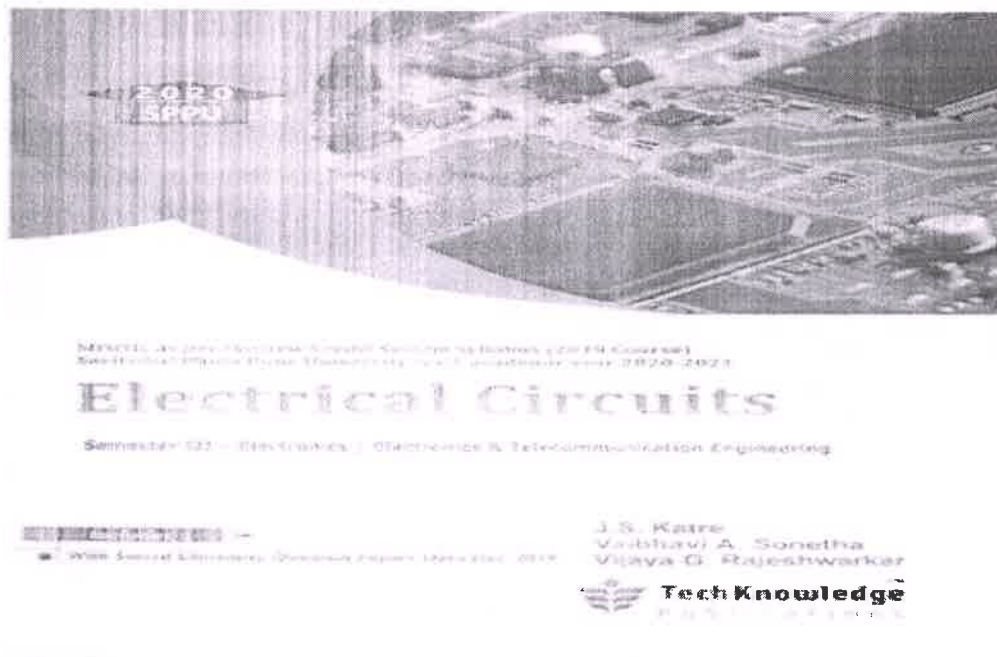
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5. Computer Graphics” for SE Computer of SPPU Pune.

The screenshot shows a web browser window displaying a book listing on the Pragati Online website. The browser tabs include 'COMPUTER GRAPHICS - S.E.' and 'S.Tech Computer Engineering'. The URL is 'pragationline.com'. The website header includes 'Pragati ONLINE', a search bar, and navigation links like 'HOME', 'BUY BOOKS', 'CUSTOMER SUPPORT', 'PRAGATI PRAKASHAN', 'BOOKS AT FLAT RATE', and 'EMAIL US'. The main content area features a book cover for 'COMPUTER GRAPHICS' by Dr. S.A. Chavhan, Dr. R. Somkumwar, and Mrs. P.P. Ahire. The book is published by Pragati Prakashan. To the right of the cover, the text reads 'COMPUTER GRAPHICS - S.E. Degree Course in Computer Engineering - SPPU'. Below this, there are social media icons for Facebook, Twitter, Instagram, and YouTube. A table of details is provided:

Authors Name	Dr. S.A. Chavhan, Dr. R. Somkumwar, Mrs. P.P. Ahire
ISBN 13	9780990437351
Publisher	Pragati Prakashan
Edition	First
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Pages	144
Language	English
Publishing Year	2020

At the bottom of the browser window, the Windows taskbar is visible, showing the search bar with 'Type here to search', the taskbar with various icons, and the system tray with the date '09-09-2021' and time '14:17'.

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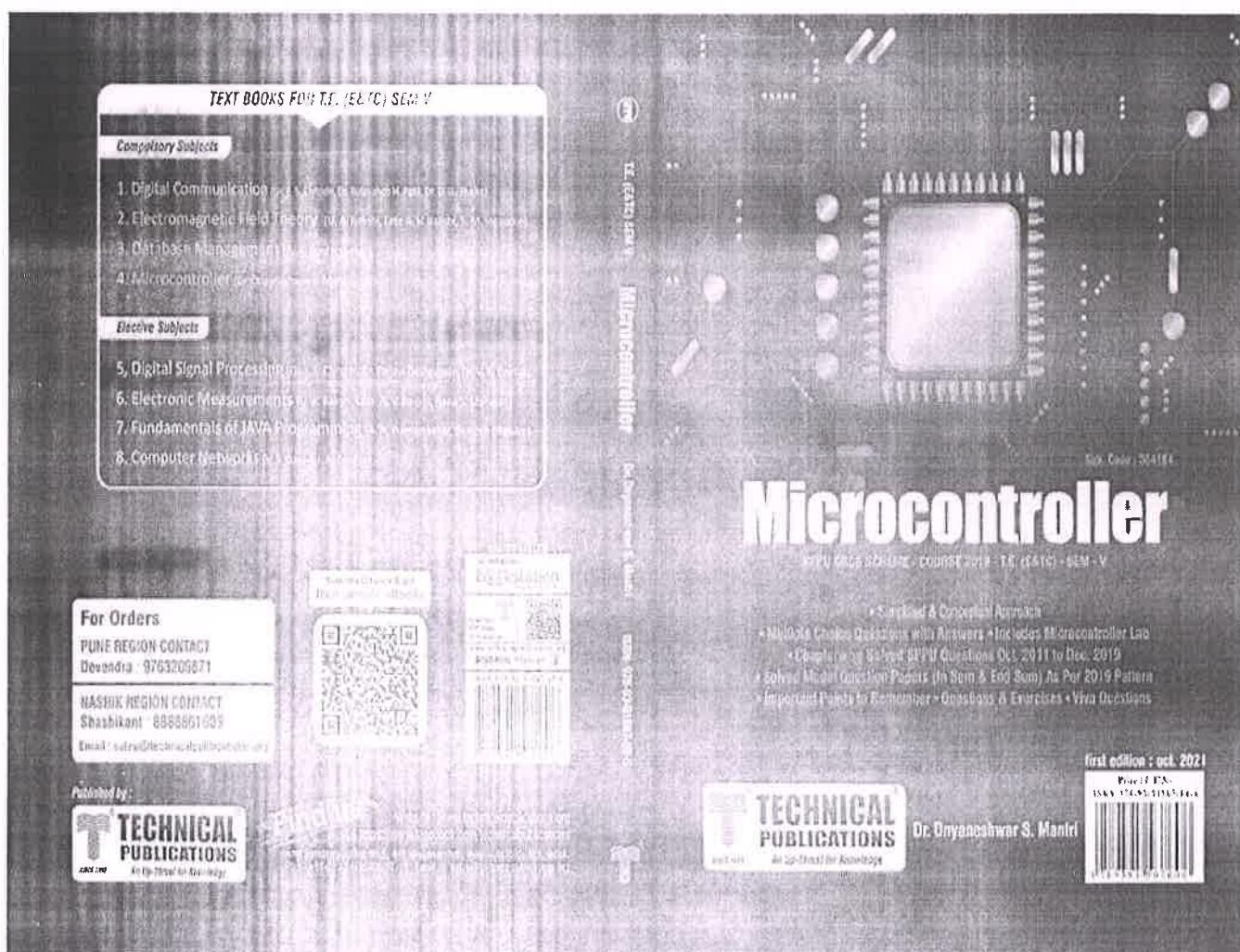
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6. Published Book on Microcontroller for TE E&TC engineering SPPU Pune , ISBN : 978-93-91567-60-6, Oct 2021



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