GOVT. OF INDIA RNI NO.: UPBIL/2015/62096

UGC Approved Care Listed Journal

ISSN 2229-3620

SIC

SHODH SANCHAR Bulletin

An International
Multidisciplinary
Quarterly Bilingual
Peer Reviewed
Refereed
Research Journal

Vol. 11

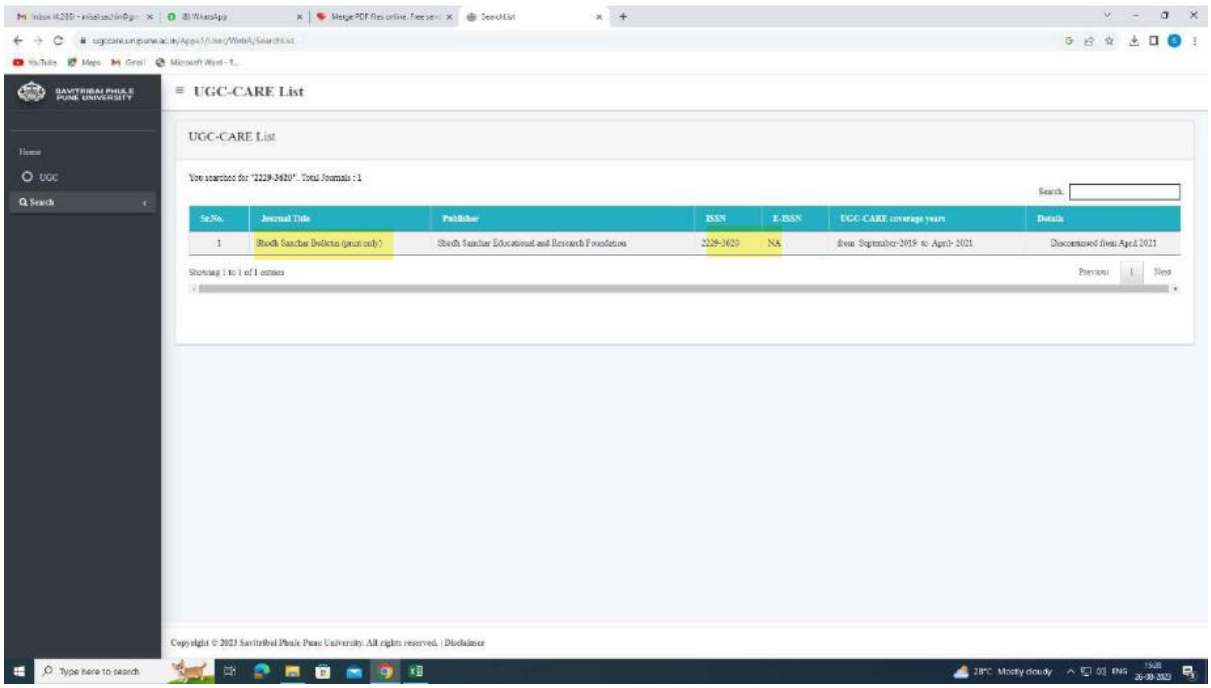
Issue 41

January to March 2021

Editor in Chief
Dr. Vinay Kumar Sharma
D. Litt. - Gold Medalist

sanchar
Educational & Research Foundation

Scanned with CamScanner


SAVITRIBAI PHULE PUNE UNIVERSITY
UGC-CARE List
Home
UGC
Search
UGC-CARE List
You searched for "2229-3620". Total Journals : 1
Search:
Sr.No.
Journal Title
Publisher
ISSN
E-ISSN
UGC-CARE coverage years
Details
1
Shodh Sanchar Bulletin (print only)
Shodh Sanchar Educational and Research Foundation
2229-3620
NA
from September-2019 to April- 2021
Discontinued from April 2021
Showing 1 to 1 of 1 entries
Previous
1
Next
Copyright © 2023 Savitribai Phule Pune University. All rights reserved. | Disclaimer
Type here to search
28°C Mostly cloudy
ENG

GOVT. OF INDIA RNI NO. UPBIL/2015/62096
ISSN 2229-3620
UGC Approved
Care Listed Journal
SHODH SANCHAR Bulletin
PUBLISHED BY
sanchar
Educational & Research Foundation
Chief Editorial Office
448/119/76, Kalyanpuri, Thakurganj Chowk,
Lucknow, Uttar Pradesh - 226003
+91-94155 78129 | +91-79051 90645
serfoundation123@gmail.com | seresearchfoundation.in
Certificate of
Publication
Ref. No.: SSB/2021/SIC 24
Date: 13-03-2021
Authored by
Dr. Sachin Misal
Assistant Professor,IIMS,Pune
Dr.ShivajiMundhe
Professor & Director,IIMS,Pune
for the Research Paper titled as
CUSTOMER REVIEWS SENTIMENTS ANALYSIS USING NATURAL LANGUAGE PROCESSING (NLP) AND DEEP LEARNING.
Published in
Shodh Sanchar, Volume 11, Issue 41, January to March 2021
SHODH SANCHAR BULLETIN
DR. VINAY KUMAR SHARMA
EDITOR IN CHIEF
Dr. Vinay Kumar Sharma
Editor in Chief
M.A., Ph. D., D.Litt. - Gold Medalist
Awarded by The President of India 'Rajbhasha Gaurav Sanmaan'

CONTENTS

S. No.	TITLE	NAME OF AUTHORS	PAGE No.
1.	AN ANALYTICAL STUDY OF FLEXI LEAVE POLICY AND ITS IMPACT ON PBO'S EMPLOYEES	Dr. Vijay Dhole	1
2.	STUDY OF IMPACT OF CORONA PANDEMIC AND THE GLOBAL RECESSION ON JOB OPPORTUNITIES FOR INDIAN YOUTH IN KPO SECTOR	Dr. Pallavi Sajanapwar	7
3.	INNOVATION IN OUT OF HOME (OOH) MEDIAADVERTISING RESEARCH: A LITERATURE REVIEW	Prof. Rupa Rawal Dr. Amod Markale	13
4.	ROLE OF COMPUTER TECHNOLOGY ON PHARMACY IN INDIA	Dr. D. R. Vidhate Ms. D. D. Vidhate	19
5.	UP SKILLINGTHE SKILLS FORFUTURE EMPLOYMENT CHALLENGE-2030	Prof. Manoj Sathe Dr. Sudarshan Pawar	24
6.	INVESTORS PREFERENCES TOWARDS GOLD AS AN INVESTMENT OPTION WITH REFERENCE TO PUNEDISTRICT.	Mr. Swapnil Patil Dr. Eknath B. Khedkar	29
7.	A STUDY OF THE IMPACT OF PANDEMIC COVID 19 ON THE HEALTH CARE SECTOR	Dr. Gauri Prabhu	33
8.	LIFELONG MACHINE LEARNING IN SENTIMENT CLASSIFICATION: CONCEPTS AND IMPLEMENTATIONS	Krishna Priya S. Kavita S. Oza	37
9.	A COMPARATIVE STUDY OF URBAN AND RURAL HOUSEHOLDS INVESTMENT AVENUES IN MAHARASHTRA.	Ghodake Shamrao P. Dr. E. B. Khedkar	43
10.	LITERATURE REVIEW ON EMPLOYEE ENGAGEMENT PRACTICES	Dr. Pushpraj Wagh Ms. Pooja Salvekar	52
11.	NEW WORLDVIEW IN SECURITY FOR BANKS: DECEPTION TECHNOLOGY	Ms. Ashwini R. Chavan Dr. R. D. Kumbhar	58
12.	COMPARATIVE STUDY OF ONLINE V/S OFFLINE MODE OF EDUCATION	Mrs. Rupali Kalekar Ms. Aanchal Priya	64
13.	A STUDY OF INBOUND MARKETING AND ITS IMPORTANCE IN INNOVATION MANAGEMENT	Prof. Asmita Abhijeet Gaikwad Dr. Amod Markale	68
14.	POST COVID-19: A TECHNICAL APPROACH FOR HIGHER EDUCATIONAL EXCELLENCE	Ms. Sarika Choudhari Mrs. Arati Patil	73
15.	REDEFINING HR WITH ARTIFICIAL INTELLIGENCE: CHATBOTS THE NEW ASSISTANT!	Sarah Dsouza Saylee Anil Karande Angshupriya Datta	80

Scanned with CamScanner

16.	CONTRIBUTIONS OF LOGISTICS AND SUPPLY CHAIN IN ENTREPRENEURIAL ECOSYSTEM IN DEVELOPING COUNTRIES WITH SPECIAL REFERENCE TO TANZANIA	Dr. Maige Mwakasege Mwasimba Mr. Alfred Sallwa	8
17.	CRITICAL ANALYSIS OF THE CORONA DISEASEPANDEMIC AND ITS IMPACT ON EDUCATION SYSTEM IN INDIA	Prof. Manoj Ashok Sathe Prof. Yugandhara R. Patil	9
18.	PERCEPTIVE CROSS - CURRENTS IN VOCATIONAL TRAINING	Dr. Vandana Mohanty Colonel (Dr.) J. Satpathy Ms. Dhanashree Shinde	9
19.	TEXT MINING: APPLICA TION OF STEMMING ALGORITHMS FOR INFORMATION RETRIEVAL IN HEALTHCARE WITH SPECIAL REFERENCE TO VIRAL INFECTIVE DISEASES	Dr. Ashwini Manish Brahme Dr. Shivaji D. Mundhe	105
20.	STUDY OF THE FINANCIAL IMPLICATIONS OF PSB MERGERS IN INDIA	Mr. Yogesh K. Nakhale Dr. Gauri Prabhu	111
21.	A POST IMPLEMENTATION STUDY OF SUGARCANE IRRIGATION MANAGEMENT SYSTEM	Dr. Nilam Jadhav Dr. Shivaji Mundhe	119
22.	A COMPARATIVE ANALYSIS OF CAPITAL STRUCTURE ADJUSTMENT WITH RESPECT TO PARTIAL CAPITAL STRUCTURE ADJUSTMENT IN THE SELECTED BSE LISTED INDIAN MANUFACTURING COMPANIES	Vikas R. Adhegaonkar Dr. E. B. Khedkar	124
23.	ENVIRONMENTAL ANALYSIS: TOANALYZE VARIOUS ENVIRONMENTAL FACTORS AFFECTING ESSITY AND IDENTIFY THE KEY DRIVERS AMONGST THEM.	Tejas Gujar Dr. Bharati Jadhav	128
24.	CUSTOMER REVIEWS SENTIMENTS ANALYSIS USING NATURAL LANGUAGE PROCESSING (NLP) AND DEEP LEARNING.	Dr. Sachin Misal Dr. Shivaji Mundhe	134
25.	BEHAVIOUR OF INVESTOR ON INVESTMENT DECISION WITH SPECIAL REFERENCE TO MUTUAL FUND VS. TRADITIONAL INVESTMENT AVENUES- A REVIEW	Prof. Mahesh Mahankal Dr. Prabha Singh	139
26.	FACE IDENTIFICATION IN A GROUP BASED ON LBP ALGORITHM AND NEURAL NETWORK CLASSIFIER FOR CLASS ATTENDANCE	Narayan Kulkarni Dr. H. S. Fadewar	145

Scanned with CamScanner

ISSN - 2229-3620
UGC CARE LISTED JOURNAL
SHODH SANCHAR Bulletin
January-March, 2021
Vol. 11, Issue 41
Page Nos. 134-138
AN INTERNATIONAL BILINGUAL PEER REVIEWED REFEREED RESEARCH JOURNAL

CUSTOMER REVIEWS SENTIMENTS ANALYSIS USING NATURAL LANGUAGE PROCESSING (NLP) AND DEEP LEARNING

❒ Dr. Sachin Misal*
Dr. Shivaji Mundhe*

ABSTRACT

Sentiment analysis is a form of popular language that prepares you to follow the general public's attitude on a particular item or topic.Assessment investigation, also known as assessment mining, involves developing a system to collect and evaluate feelings about a product expressed in blog posts, comments, polls, or tweets.Suspicion investigation can be useful in a number of ways.Because of its relevance to industry and society in general, it has spread from software engineering to board sciences and sociologies. Lately, mechanical exercises encompassing assumption examination has additionally flourished. Various new businesses have arisen. Numerous enormous companies have constructed their own in-house capacities. Conclusion review systems have made their way into almost every business and social environment. The aim of this report is to provide an introduction to this fascinating subject and to implement a framework that will conduct slant investigation on online cell phone surveys using a combination of partner altered K methods calculations, Nave Bayes characterization, and KNN.Natural Language Processing (NLP) is an acronym for Natural Language Processing.Natural language processing (NLP) allows scientists to compile and dissect certain data in order to reveal the secret meaning of certain works.The area of conclusion examination, which is used in a number of fields, heavily relies on NLP strategies. This work will investigate different pervasive hypotheses hidden the NLP field and how they can be utilized to accumulate clients' conclusions via web-based media. Such assessments can be winnowed throughout some stretch of time consequently limiting the mistakes presented by information input and different stressors. Moreover, we take a gander at certain uses of feeling investigation and use of NLP to emotional wellness. The peruse will likewise find out about the NLTK tool compartment that executes different NLP hypotheses and how they can make the information rummaging measure significantly simpler.

Keywords- *Sentiment Analysis; Natural Language Processing; Customer Reviews;NLTK.*

I. INTRODUCTION:

Natural Language Processing (NLP) manages real content component preparing. NLP converts the content part into a computer design.Computerized reasoning (AI) uses NLP data and a lot of math to assess whether something is positive or bad.There are a few techniques for evaluating a creator's point of view on a subject based on typical language literary data.Some type of artificial intelligence is used, with varying degrees of viability. Assessment mining, for example, is a form of natural language preparation that involves following people's attitudes toward a particular item or stage. This product gives programmed extraction of suppositions, feelings and notions in content and furthermore tracks mentalities and emotions on the web. Individuals express their perspectives by composing blog entries, remarks, surveys and tweets pretty much a wide range of various themes. Following items and brands and afterward deciding if they are seen

*Assistant Professor, IIMS, Pune
**Professor & Director, IIMS, Pune