APPROVAL OF Ph. D RESEARCH SUPERVISORS

Dr.N. SanthanaVadivu, Associate Professor, PG & Research Department of Commerce, Dr.R. Bhuvaneshwaran, Assistant Professor, Thiruthangal Nadar college has been granted to supervise the Research scholars leading to award of Ph.D Degree in Commerce by University of Madras.

Grams: UNIVERSITY, Madras / Phone: 25361055 /25399402 /25399778 / Fax 91-44-25360749 It is requested that all communications should be addressed to The Registrar, University of Madras and not to any Person by name.

UNIVERSITY OF MADRAS

(Established under the Act of Incorporation XXVII of 1857 - Madras University Act) [State University]

Centenary Buildings, Chepauk, Chennai 600 005.

கலைஞர் 100 1924 - 2023

No: RP/ Guideship/Ph.D./Approval/2023/ 1187 **Date:** 20 DEC 2023

From
THE REGISTRAR
University of Madras

To
Dr. N.Santhana Vadivu,
[DOB: 49 years, 14.01.1974]
Associate Professor,
Department of Commerce,
Thiruthangal Nadar College,
Selavayal, Chennai - 600051

Madam,

Sub: Recognition as a Supervisor to guide Ph.D. scholars- Reg.
Ref: Your Application No. 20210800054

****

With reference to the above, I am, to inform you that permission has been granted to supervise the research scholars leading to award of Ph.D degree in Commerce subject to the conditions mentioned in overleaf vide chapter 3 of Research Regulations 2021.

Yours faithfully,

REGISTRAR

UNIVERSITY OF MADRAS

(Established under the Act of Incorporation XXVII of 1857 - Madras University Act) [State University]
Centenary Buildings, Chepauk, Chennai 600 005.

கலைஞர் 100 1924 - 2023

No: RP/ Guideship/Ph.D./Approval/2023/ 1186 Date: 20 DEC 2023

From
THE REGISTRAR
University of Madras

To
Dr. R. Bhuvaneswaran,
[DOB: 40 years, 25.07.1982]
Assistant Professor,
Department of Commerce,
Thiruthangal Nadar College,
Selavayal, Chennai - 600051

Sir,

Sub: Recognition as a Supervisor to guide Ph.D. scholars- Reg.
Ref: Your Application No. 20190100016

****

With reference to the above, I am, to inform you that permission has been granted to supervise the research scholars leading to award of Ph.D degree in **Commerce** subject to the conditions mentioned in overleaf vide chapter 3 of Research Regulations 2021.

Yours faithfully,

REGISTRAR

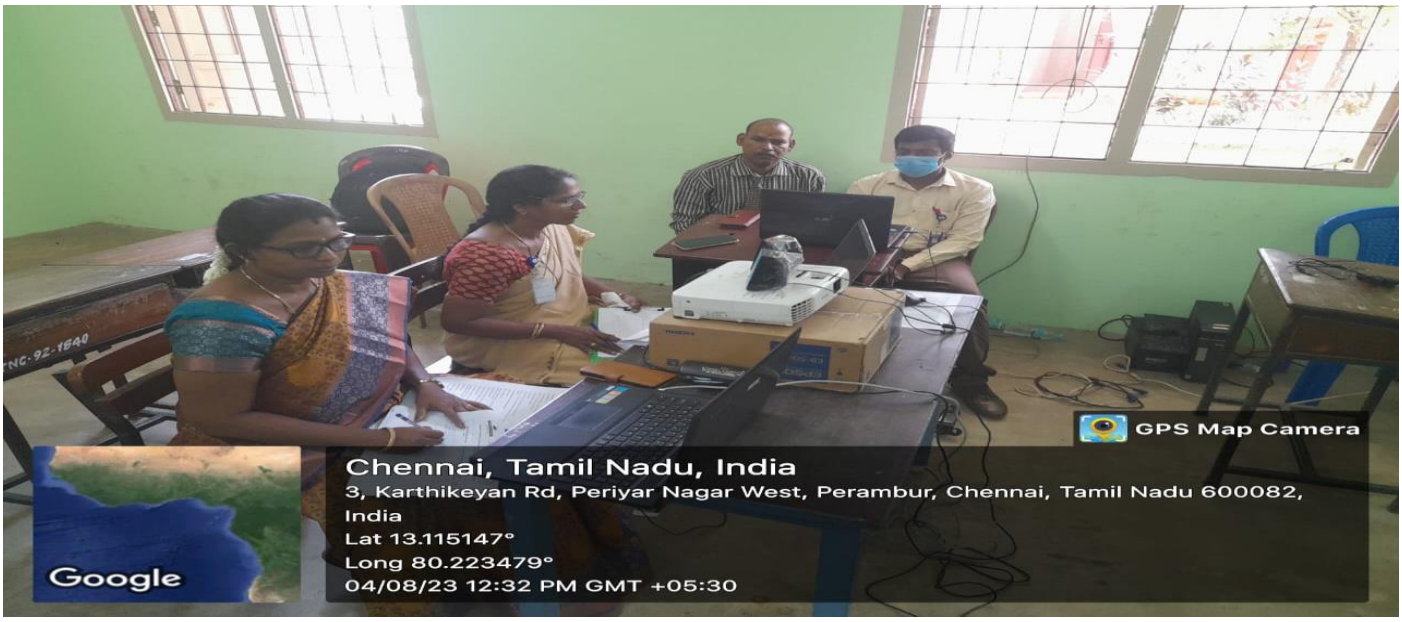
PG DEPARTMENT OF COMPUTER SCIENCE

NATIONAL CONFERENCE ON MACHINE LEARNING & ARTIFICAIL INTELLIGENCE

DATE: 04.08.2023

Resource Person:Dr. V. Uma Devi, Principal, New Prince Shri Bhavani Arts & Science College

National Speakers- Dr. John Abraham and Dr. Sathees Kumaran



SCHOOL OF COMMERCE

INTER NATIONAL CONFERENCE ON "TRANSFORMATION OF BANKING SECTOR – BREAKTHROUGH INNOVATION, CREATIVITY & LEADING CHALLENGES "

DATE: 26.08.2023
Resource Person: Dr. P. Pandian, Senior Manager, Corporate IT ,Levi Strauss, USA. Dr.Marlene Morais, Dr. P.Pandian, Dr.G.Geetha, Dr. Maria Inigo &Dr.V.Senthil Kumaran

SCHOOL OF HUMANITIES

NATIONAL CONFERENCE

“Multidisciplinary Culture in Social Sciences, Language and Literature”

DATE: 04.03.2024
Resource Person:Dr. S.S Sundaram Prof & Head Department of Indian History University of Madras
National Speakers: Dr. T. Vishnu Kumaran Head Department of Tamil Language and Translation Studies, Dravidian University
Chair Persons: Dr. M. Mohna Krishnan principal Agarsen College and Dr. Faisal Melangadi Head Department of Criminology and criminal Justice Science

TNC-INCUBATION CELL& IQAC

DEMONSTRATION ON RESEARCH PROTOTYPES

Event Date: 09.10.2023

Faculty Development Programme
on
"Quantitative and Qualitative Research Methodology"

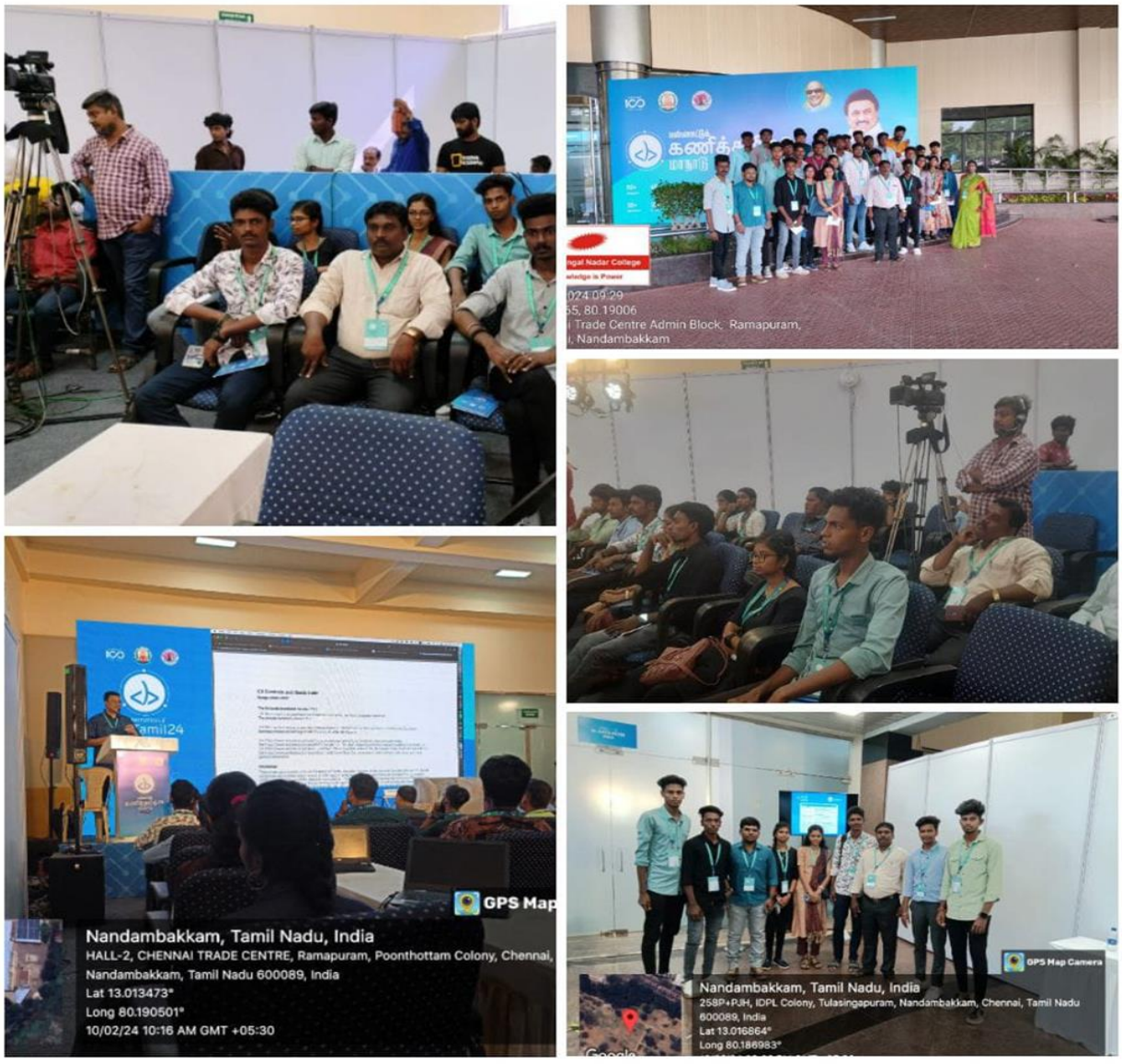
Date: 02-01-2024

Resource Person: Dr. Geetha Suresh, a professor at the University of Louisville, Kentucky, USA,

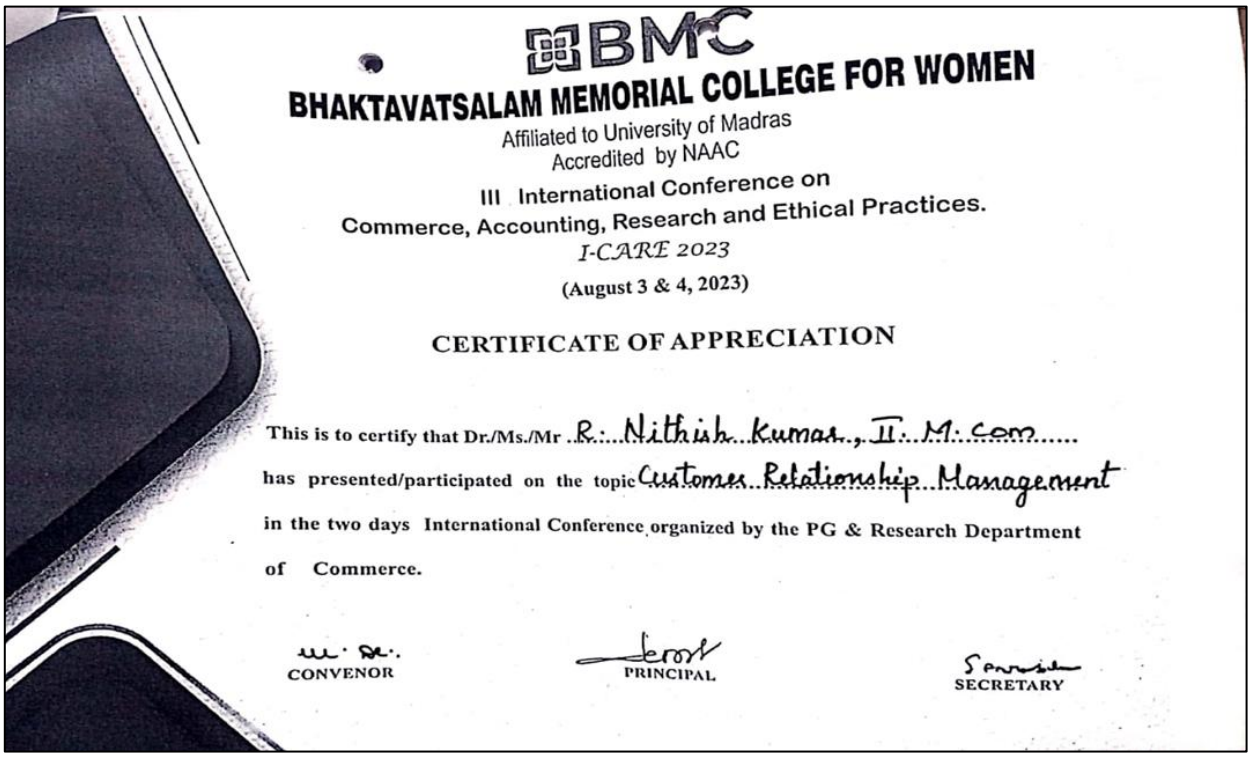
International Kani Tamil24 Conference

Event Date: 10.02.2024

Participants: PG Department of Computer Science and Software Applications students



Paper Presentation-Student



BMC
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Accredited by NAAC
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(August 3 & 4, 2023)

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This is to certify that Dr./Ms./Mr R. Nithish Kumar., II M.Com
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has presented/participated on the topic A Study on Micro Finance Industry in India
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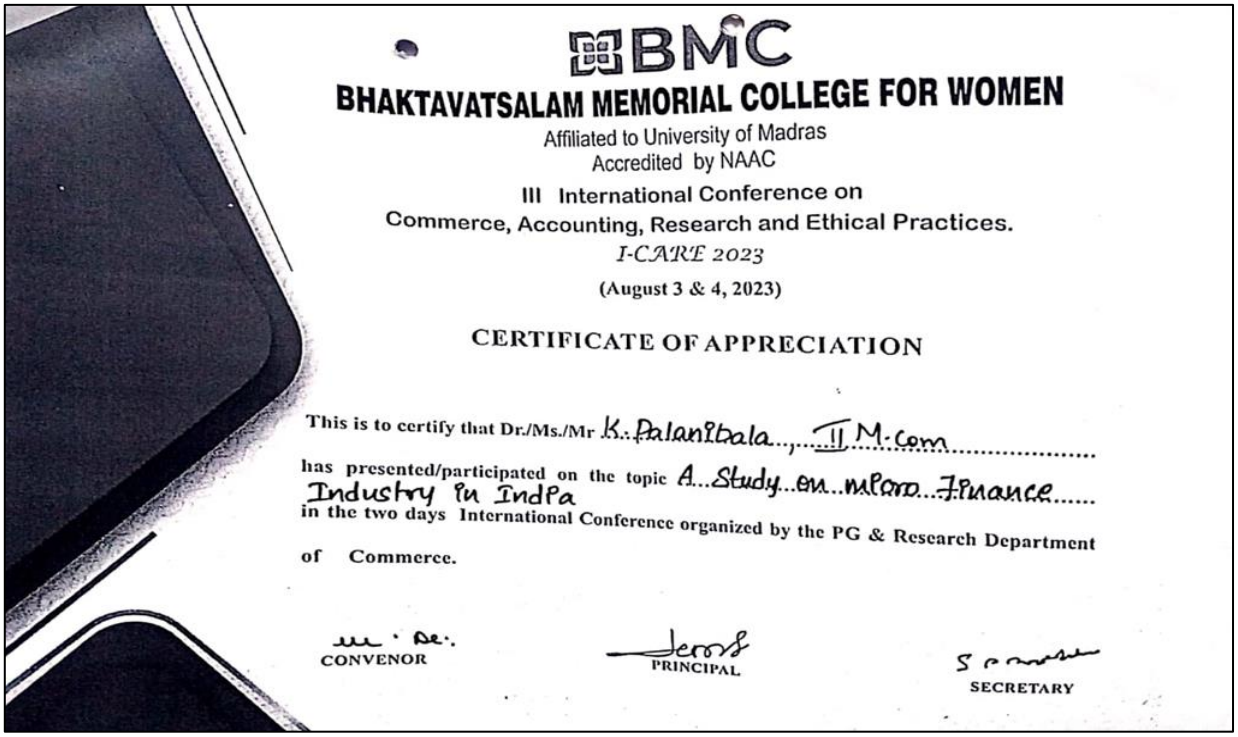

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of Commerce.

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CERTIFICATE OF APPRECIATION

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RAVINA. J

THIRUTHANGAL NADAR COLLEGE

has actively participated and ~~presented~~ a paper titled

in the National Conference on
"Empowering Visionaries: Unleashing the Spirit of Entrepreneurship"
held on 8th & 9th February, 2024.

Dr. Haridayal Sharma
Organising Secretary

Dr. S. Seshadrinathan
Head of the Department & Seminar Director

Capt. Dr. S. Santhosh Baboo
Principal & Convenor

Paper code

AQUILAE

9:45 pm

DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

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PG AND RESEARCH DEPARTMENT OF COMMERCE (SHIFT I)

CERTIFICATE OF APPRECIATION

This is to certify that

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THIRUTHANGAL NADAR COLLEGE,

has actively participated and presented a paper titled

in the National Conference on "Empowering Visionaries: Unleashing the Spirit of Entrepreneurship" held on 8th & 9th February, 2024

Dr. Harkdayal Sharma
Organising Secretary

Dr. S. Seshadrinathan
Head of the Department & Seminar Director

Capt. Dr. S. Santhosh Baboo
Principal & Convenor

Paper code:

AQUILAE

DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

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PG AND RESEARCH DEPARTMENT OF COMMERCE (SHIFT I)

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This is to certify that

P. Vinodhini

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Dr. Harkdayal Sharma
Organising Secretary

Dr. S. Seshadrinathan
Head of the Department & Seminar Director

Capt. Dr. S. Santhosh Baboo
Principal & Convenor

Paper code:

AQUILAE

SAVEETHA
COLLEGE OF LIBERAL ARTS & SCIENCES

DARE TO DREAM

NAAC A++ GRADE | nirf 13 RANK | ARIIA Top 25 RANK

International Conference on
"Information and Business Intelligence" ICIBI -2024

Certificate of Participation

This is to certify that Dr/ Mr /Ms DHANUSH KUMAR. R

of THIRUTHANGAL NADAR COLLEGE has Participated / Presented a paper Titled

VIDEO USING CLASSIFICATION TECHNIQUES in the "International Conference on "Information and Business Intelligence"(ICIBI 2024) organized by the Department of Compter Applications, Saveetha College of Liberal Arts and Sciences, SIMATS, Chennai, on 15th February 2024.

Dr. H. Anwer Basha
Organizing Secretary

Dr. D Akila
Convener

Dr. Gunita Arun Chandhok
Principal

SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES (Declared as Deemed to be University under Section 3 of UGC Act 1956)

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RESEARCH PROJECT

A STUDY ON CONSUMER BEHAVIOUR AND SATISFACTION OF GOLD JEWELLERY INVESTMENT WITH SPECIAL REFERENCE TO CHENNAI CITY

DISSERTATION SUBMITTED TO THE

UNIVERSITY OF MADRAS

In partial fulfilment of the requirement for the Award of the degree of

MASTER OF PHILOSOPHY IN COMMERCE

BY

M.VAISHNAVI

REGISTER NO: MPS22018

Under the Supervision and Guidance of

DR.R.BHUVANESWARAN, M.Com., M.Phil., B.Ed., Ph.D .,

Assistant Professor

PG & Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

Thiruthangal Nadar College
Knowledge is Power

PG & RESEARCH DEPARTMENT OF COMMERCE

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

Thiruthangal Nadar College
Knowledge is Power

PG and Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

BONAFIDE CERTIFICATE

is is to certify that the Project Report entitled "**A STUDY ON CONSUMER BEHAVIOUR ND SATISFACTION OF GOLD JEWELLERY INVESTMENT WITH SPECIAL EFERENCE TO CHENNAI CITY**" is a Bonafide record of original work done by Mrs. .VAISHNAVI (Register No. MPS22018) student of M.Phil., (Full time) THIRUTHANGAL ADAR COLLEGE Under my guidance and supervision during the year 2022– 2023.

ne VIVA – VOCE Examination was conducted on 20/7/2023

.BHUVANESWARAN
om., M.Phil., B.Ed., Ph.D.,
EARCH GUIDE ASSISTANT PROFESSOR
& RESEARCH DEPARMENT OF COMMERCE

Dr.B.JAGADEESWARAN
M.Com., M.Phil., NET, Ph.D.,
HEAD
PG & RESEARCH
DEPARTMENT OF
COMMERCE

Dr.V.DEVI
M.B.A.,M.C.A.,M.Phil, Ph.D.,
PRINCIPAL

Principal
THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.

Head of the Department
PG & Research Department of Commerce
Thiruthangal Nadar College

A STUDY ON THE EFFECTS OF TRAINING AND DEVELOPMENT ON EMPLOYEE RETENTION IN ORGANIZATIONS

DISSERTATION SUBMITTED TO THE

UNIVERSITY OF MADRAS

In partial fulfilment of the requirement for the Award of the degree of

MASTER OF PHILOSOPHY IN COMMERCE

BY

A.MAHALAKSHMI

REGISTER NO: MPS22016

Under the Supervision and Guidance of

Dr.N.SANTHANAVADIVU, M.com,M.B.A,Mphil,Ph.D

Associate Professor

PG & Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

Thiruthangal Nadar College
Knowledge is Power

PG & RESEARCH DEPARTMENT OF COMMERCE

THIRUTHANGAL NADAR COLLEGE,

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PG and Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

BONAFIDE CERTIFICATE

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VIVA – VOCE Examination was conducted on 20/07/2023.

ANTHANAVADIVU
., M.B.A., M.Phil., Ph.D.,
RCH GUIDE,ASSOCIATE PROFESSOR
ESEARCH DEPARMENT OF COMMERCE

Dr.B.JAGADEESWARAN
M.Com., M.Phil., NET, Ph.D.,
HEAD
PG & RESEARCH
DEPARTMENT OF COMMERCE

Dr.V.DEVI
M.B.A.,M.C.A.,M.Phil, Ph.D.,
PRINCIPAL

Principal
THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.

Head of the Department
PG & Research Department of Commerce
Thiruthangal Nadar College

A STUDY ON THE WOMEN EMPLOYEE SATISFACTION IN IT SECTORS IN CHENNAI CITY

DISSERTATION SUBMITTED TO THE

UNIVERSITY OF MADRAS

In partial fulfilment of the requirement for the Award of the degree of

MASTER OF PHILOSOPHY IN COMMERCE

BY

M.HEMAVATHI

REGISTER NO: MPS22015

Under the Supervision and Guidance of

DR.N.SANTHANAVADIVU, M.Com., MBA.,M.Phil.,Ph.D.,

Associate Professor

PG & Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

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THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

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PG and Research Department of Commerce

THIRUTHANGAL NADAR COLLEGE,

SELAVAYAL, CHENNAI -600051

BONAFIDE CERTIFICATE

is is to certify that the dissertation entitled **"A STUDY ON THE WOMEN EMPLOYEE ATISFATION IN IT SECTORS IN CHENNAI CITY"** is a Bonafide record of original work done by rs. M.HEMAVATHI (Register No. MPS22015) student of M.Phil., (Full time) THIRUTHANGAL ADAR COLLEGE Under my guidance and supervision during the year 2022– 2023.

e VIVA – VOCE Examination was conducted on 20/07/2023

SANTHANAVADIVU
m.,MBA, M.Phil., Ph.D.,
ARCH GUIDE,
CIATE PROFESSOR
RESEARCH DEPARMENT OF COMMERCE

Dr.B.JAGADEESWARAN
M.Com., M.Phil., NET, Ph.D.,
HEAD
PG & RESEARCH DEPARTMENT
OF COMMERCE

Dr.V.DEVI
M.B.A., M.C.A., M.Phil, Ph.D.,
PRINCIPAL

THIRUTHANGAL NADAR COLLEGE
SELAVAYAL, CHENNAI-600 051.

Head of the Department
PG & Research Department of Commerce
Thiruthangal Nadar College

National Conference on Multidisciplinary Culture in Social Sciences, Language and Literature-NCMCSLL-2024

Mr.U.P.ASWIN , UG - II Year, Department of Criminology and Police Administration, Thiruthangal Nadar college

CONTEMPORARY: ROLE OF TECHNOLOGY IN REDUCTION OF WOMEN'S VULNERABILITY

Mr.AKASH JOSEPH[1] Ms.HEMALATHA S[2] Mr.U. P. ASWIN[3]

[1]Assistant Professor, Department of Criminology and Police Administration, Thiruthangal Nadar college, Chennai, Tamil Nadu, India. Email id: akashjoseph333@gmail.com

[2]UG - II Year, Department of Forensic Science, Kristu Jayanti college, Bengaluru, Karnataka, India. Email id:hema132005@gmail.com

[3]UG - II Year,Department of Criminology and Police Administration, Thiruthangal Nadar college, Chennai, Tamil Nadu, India. Email id: aswinup04@gmail.com

ABSTRACT

The use of technology to reduce women's vulnerability is still in its early stages, but there is a growing body of evidence that shows that it can be an effective in future.technology plays a pivotal role and holds significant importance in various aspects of our lives. Its influence spans across different sectors, transforming how we live, work, communicate, and interact. Women vulnerability is a pervasive issue that affects millions of women worldwide. It refers to the increased susceptibility and exposure to various risks, discrimination, and violence faced by women solely based on their gender. Despite significant progress in gender equality, women continue to experience unique challenges and vulnerabilities in different aspects of life. This vulnerability is deeply rooted in historical, cultural, and systemic factors, and understanding its causes is essential to address and mitigate its impact on women's lives. The vulnerabilities of women in India require a comprehensive approach that involves legal reforms, awareness campaigns, education, and efforts to challenge patriarchal norms and cultural attitudes. Effective implementation of existing laws, improved access to education and healthcare, economic empowerment, and stronger support systems for survivors of violence are crucial steps towards enhancing the safety and well-being of women in India. Additionally, fostering a culture of gender equality and promoting women's participation in decision-making processes are essential for achieving lasting change.

Keywords: Women's vulnerability,poverty,violence,discrimination

INTRODUCTION:

Women around the world face a variety of vulnerabilities, including poverty, violence and discrimination. Technology can play a role in reducing these vulnerabilities by providing women with access to information, resources and support.Tamil Nadu, a progressive state in India, recognizes the critical importance of addressing women's vulnerability and promoting gender equality. To combat the challenges faced by women, the state has embraced

 ISBN: 978-93-90188-60-4

RESEARCH ARTICLE

Image Processing Video using Classification Techniques

Dhanush Kumar R, Aravindhan V

IIIrd year, B.Sc. Software Applications, Thiruthangal Nadar College,

Selavoyal, Chennai – 600051.

rdhanushkumar2580@gmail.com
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***Abstract*—Today's rapidly growing internet era has also increased the data in a very large amount for which the classification of the data has become more important than ever before. As daily millions of videos are been uploaded on the internet usually it is been classified based on the title of the video, which is not enough as the content of the video may be different than that of the title. Thus, this research paper highlights a system that would classify the video based on real-time data which takes the content of the video as the input and accordingly it gives the output. The major crux of this system is the usage of deep learning, in which the collection of the image is been taken from the video and compared with the pre-trained model and accordingly the result showed.**

I. Introduction.

Video classification refers to the technique of classifying the video based on image extraction from the video. Usually, the video playing software is more likely to show the content of the video based on the title of the video not based on the content of the video, which usually video player software doesn't do. Without any classification of the content of the video playing on the screen due to which any malfunction is done on the content of the video can't be recognized. In this proposed system video will be taken as input via a camera of the system and live output will be generated.

The concept of video classification is the process by which a computer program creates a collection of data that is in the image format and it is compared with the pre-trained model of the data set which is the collection of the data for the present data. The algorithm used in the system is detect Multiscale which from the library of the OpenCV which is been coded in python.

The process of video classification is done using the OpenCV library which converts an image into a single value by subtracting the sum of pixels. The main aim of this project is to classify the content of the video based on the gender, age using the facial node as the reference. Paul Viola provides the paper in which Rapid Object Detection using a Boosted Cascade is done for reference.

II. NEED OF STUDY.

Increased upload of data on the internet has made the classification of the data in a very systematic way made very necessary. Classifying the video based on a facial image has encroached the facial lock in the mobile phone for the lock as a security purpose. There are numerous ways to secure the mobile by keeping the phone lock by alphabet pin, numeric pin, pattern lock system but all of them take quite a bit of time but the facial lock recognizes the face faster and it is much faster than any of the locking system. Hence, this paper highlights a system that would classify the gender and predicate the age of the person, which can be further updated to full-length video as an input in the system. This would save one's time required for checking the entire video.

III. LITERATURE SURVEY.

Rasha Ragheb Atallah, Amir Rudin Kamsin, Maizatul Akmar Ismail, Sherin Ali Abdelrahman "Face Recognition and Age Estimation Implications of Changes in Facial Features: A Critical Review Study". In this paper, we learned the important nodes in the face which connect the all the key point in the face which includes wrinkles, forehead hair length along with the basic node eyes, nose, mouth, ears. Detecting facial expression by a change in the moment of the following key nodes of the face. Changing the shape of the face based on the moment of the face.

Xingfang Yuan, Tony X. Han, Zhenbing Zhao, Baogang, Ce Gao, Miao Sun "Age Group and Gender Estimation in the Wild with Deep RoR Architecture". In this paper, they have proposed the CNN-based method which would classify the person on the age group of particular range and prediction of age is done leveraging residual networks of residual networks (RoR).

Jiale Chen, Sen Liu, Zhibo Chen "Gender Classification in Live Video" Nowadays the majority of time video or image is a capture from a mobile device rather than that of professional camera equipment, so in this paper, they have explained the fetching of data from camera and processing in the real-time so as the get the output immediately. In this paper, they have used the CNN technology which collects the image frame by frame from the video and compares it with the dataset and makes the following result.

Gil Levi and Tal Hassner "Age and Gender Classification using Convolutional Neural Networks" This convolutional technology has referred to the use of deep-convolutional neural network (CNN).

Filex Anda "Evaluating Automated Facial Age Estimation Techniques for Digital Forensics" This paper documents cognitive age prediction in which it helps the police, detectives and investigators to identify the undignified person which are involved in the child abuse. In this case the change in the facial shape in one of the major key which is taken into consideration in this document using various automated machine learning-based techniques.

RESEARCH ARTICLE

National Conference on Machine Learning & Artificial Intelligence

Ms.M.Kamimalar, UG - II Year,Department of Criminology and Police Administration, Thiruthangal Nadar college

National Conference on Machine Learning and Artificial Intelligence [NCMLAI-2023]

CRYPTOGRAPHY AND CYBERSECURITY IN THE DIGITAL TRANSFORMATION ERA: ENSURING TRUST,PRIVACY, AND RESILIENCE

AKASH JOSEPH. S, JAYA SUTHA.M, KANIMALAR

[1,2]Assistant Professor,
Department of Criminology and Police Administration,
Thiruthangal Nadar college, Chennai, Tamil Nadu, India.
[1]Email id: akashjoseph133@gmail.com, [2]kanimalar67@gmail.com

Abstract:

The digital transformation has revolutionized various industries, enabling seamless communication and transactions. However, this rapid technological advancement has also brought forth unprecedented challenges in terms of cybersecurity and data privacy. This research paper aims to explore the critical role of cryptography and cybersecurity in the context of the digital transformation. By examining the current state of cryptographic protocols, analyzing cybersecuritythreats in the digital transformation and proposing innovative solutions, Digital transformation have become an integral part of modern economies, revolutionizing the way financial exchanges occur. As the volume and complexity of these transactions continue to grow, so do the risks associated with cyber threats and attacks. This research paper aims to investigate the role of cryptography and cybersecurity in ensuring the confidentiality, integrity, and authenticity of digital transformation. By exploring various cryptographic techniques and safeguarding strategies, this study seeks to provide insights into the evolving landscape of secure digital transformation and the challenges faced in mitigating cyber risks.

INTRODUCTION:

Cryptography is the science and practice of securely communicating information in a way only authorized parties can access and underst it. It involves techniques and methods converting plaintext (readable data) into ciphe (encrypted data) through the use of cryptogra algorithms and keys. The process of conver plaintext to ciphertext is known as encryp while the reverse process of converting ciphe back to plaintext is called decryption. The pri objectives of cryptography are to ensure confidentiality, integrity, authentication, and repudiation. Confidentiality ensures that authorized individuals or entities can read encrypted data. Integrity ensures that the remains unchanged during transmission or st Authentication allows the recipient to verif identity of the sender and vice versa. repudiation ensures that the sender cannot sending a particular message. Cryptography on mathematical principles and algorithm scramble and unscramble data in a way t computationally infeasible for unauthorized to reverse-engineer the originalplaintext w the proper cryptographic key. The strength cryptographic system is often measured resistance to various attacks, including brute attacks, chosen plaintext attacks, and plaintext attacks.

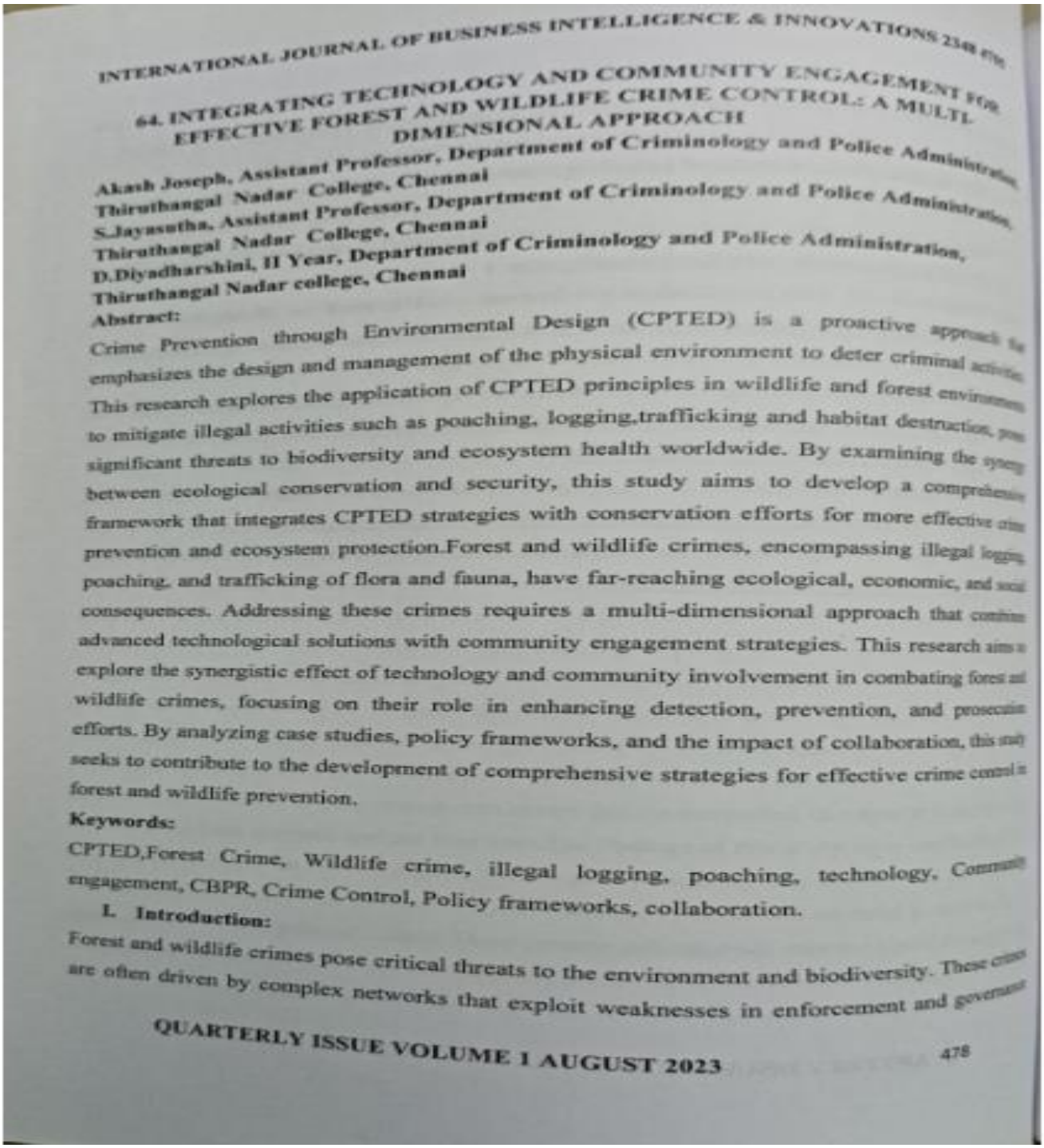
Modern cryptography encompasses techniques and cryptographic algor including symmetric key encryption (whe

ISBN: 978-93-95196-64-2

RESEARCH ARTICLE

International Journal of Business Intelligence & Innovations

Ms.D.Divyadharshini, UG - II Year,Department of Criminology and Police Administration, Thiruthangal Nadar college



INTERNATIONAL JOURNAL OF BUSINESS INTELLIGENCE & INNOVATIONS 2348 [illegible]

64. INTEGRATING TECHNOLOGY AND COMMUNITY ENGAGEMENT FOR EFFECTIVE FOREST AND WILDLIFE CRIME CONTROL: A MULTI-DIMENSIONAL APPROACH

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Abstract:

Crime Prevention through Environmental Design (CPTED) is a proactive approach that emphasizes the design and management of the physical environment to deter criminal activities. This research explores the application of CPTED principles in wildlife and forest environments to mitigate illegal activities such as poaching, logging,trafficking and habitat destruction, pose significant threats to biodiversity and ecosystem health worldwide. By examining the synergy between ecological conservation and security, this study aims to develop a comprehensive framework that integrates CPTED strategies with conservation efforts for more effective crime prevention and ecosystem protection.Forest and wildlife crimes, encompassing illegal logging, poaching, and trafficking of flora and fauna, have far-reaching ecological, economic, and social consequences. Addressing these crimes requires a multi-dimensional approach that combines advanced technological solutions with community engagement strategies. This research aims to explore the synergistic effect of technology and community involvement in combating forest and wildlife crimes, focusing on their role in enhancing detection, prevention, and prosecution efforts. By analyzing case studies, policy frameworks, and the impact of collaboration, this study seeks to contribute to the development of comprehensive strategies for effective crime control in forest and wildlife prevention.

Keywords:

CPTED,Forest Crime, Wildlife crime, illegal logging, poaching, technology, Community engagement, CBPR, Crime Control, Policy frameworks, collaboration.

I. Introduction:

Forest and wildlife crimes pose critical threats to the environment and biodiversity. These crimes are often driven by complex networks that exploit weaknesses in enforcement and governance

RESEARCH ARTICLE

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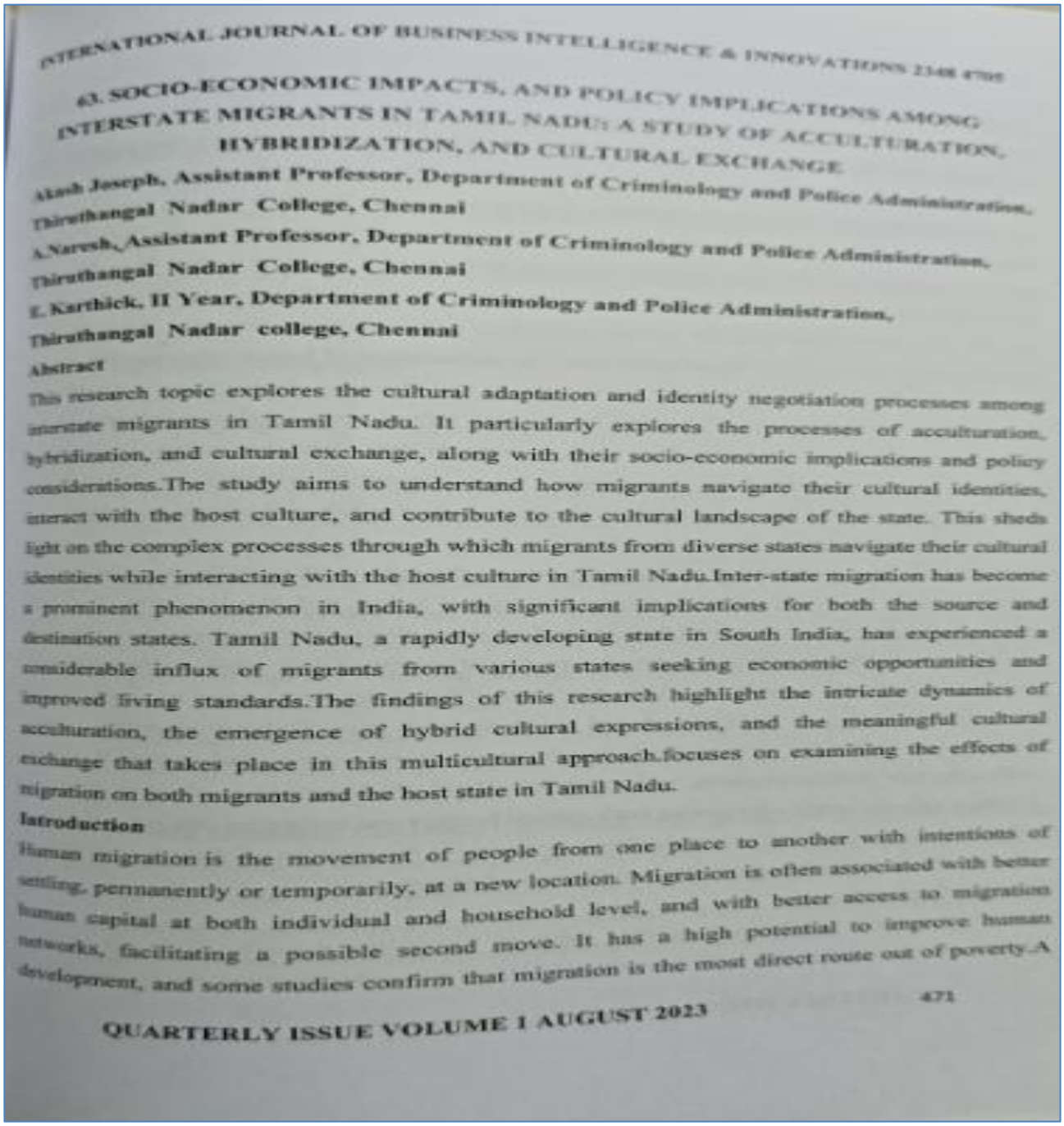

INTERNATIONAL JOURNAL OF BUSINESS INTELLIGENCE & INNOVATIONS 2348 4705

63. SOCIO-ECONOMIC IMPACTS, AND POLICY IMPLICATIONS AMONG INTERSTATE MIGRANTS IN TAMIL NADU: A STUDY OF ACCULTURATION, HYBRIDIZATION, AND CULTURAL EXCHANGE

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Abstract

This research topic explores the cultural adaptation and identity negotiation processes among interstate migrants in Tamil Nadu. It particularly explores the processes of acculturation, hybridization, and cultural exchange, along with their socio-economic implications and policy considerations.The study aims to understand how migrants navigate their cultural identities, interact with the host culture, and contribute to the cultural landscape of the state. This sheds light on the complex processes through which migrants from diverse states navigate their cultural identities while interacting with the host culture in Tamil Nadu.Inter-state migration has become a prominent phenomenon in India, with significant implications for both the source and destination states. Tamil Nadu, a rapidly developing state in South India, has experienced a considerable influx of migrants from various states seeking economic opportunities and improved living standards.The findings of this research highlight the intricate dynamics of acculturation, the emergence of hybrid cultural expressions, and the meaningful cultural exchange that takes place in this multicultural approach.focuses on examining the effects of migration on both migrants and the host state in Tamil Nadu.

Introduction

Human migration is the movement of people from one place to another with intentions of settling, permanently or temporarily, at a new location. Migration is often associated with better human capital at both individual and household level, and with better access to migration networks, facilitating a possible second move. It has a high potential to improve human development, and some studies confirm that migration is the most direct route out of poverty.A

RESEARCH ARTICLE

International Journal of Business Intelligence & Innovations

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Image Processing Video using Classification Techniques

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***Abstract*—Today's rapidly growing internet era has also increased the data in a very large amount for which the classification of the data has become more important than ever before. As daily millions of videos are been uploaded on the internet usually it is been classified based on the title of the video, which is not enough as the content of the video may be different than that of the title. Thus, this research paper highlights a system that would classify the video based on real-time data which takes the content of the video as the input and accordingly it gives the output. The major crux of this system is the usage of deep learning, in which the collection of the image is been taken from the video and compared with the pre-trained model and accordingly the result showed.**

I. Introduction.

Video classification refers to the technique of classifying the video based on image extraction from the video. Usually, the video playing software is more likely to show the content of the video based on the title of the video not based on the content of the video, which usually video player software doesn't do. Without any classification of the content of the video playing on the screen due to which any malfunction is done on the content of the video can't be recognized. In this proposed system video will be taken as input via a camera of the system and live output will be generated.

The concept of video classification is the process by which a computer program creates a collection of data that is in the image format and it is compared with the pre-trained model of the data set which is the collection of the data for the present data. The algorithm used in the system is detect Multiscale which from the library of the OpenCV which is been coded in python.

The process of video classification is done using the OpenCV library which converts an image into a single value by subtracting the sum of pixels. The main aim of this project is to classify the content of the video based on the gender, age using the facial node as the reference. Paul Viola provides the paper in which Rapid Object Detection using a Boosted Cascade is done for reference.

II. NEED OF STUDY.

Increased upload of data on the internet has made the classification of the data in a very systematic way made very necessary. Classifying the video based on a facial image has encroached the facial lock in the mobile phone for the lock as a security purpose. There are numerous ways to secure the mobile by keeping the phone lock by alphabet pin, numeric pin, pattern lock system but all of them take quite a bit of time but the facial lock recognizes the face faster and it is much faster than any of the locking system. Hence, this paper highlights a system that would classify the gender and predicate the age of the person, which can be further updated to full-length video as an input in the system. This would save one's time required for checking the entire video.

III. LITERATURE SURVEY.

Rasha Ragheb Atallah, Amir Rudin Kamsin, Maizatul Akmar Ismail, Sherin Ali Abdelrahman "Face Recognition and Age Estimation Implications of Changes in Facial Features: A Critical Review Study". In this paper, we learned the important nodes in the face which connect the all the key point in the face which includes wrinkles, forehead hair length along with the basic node eyes, nose, mouth, ears. Detecting facial expression by a change in the moment of the following key nodes of the face. Changing the shape of the face based on the moment of the face.

Xingfang Yuan, Tony X. Han, Zhenbing Zhao, Baogang, Ce Gao, Miao Sun "Age Group and Gender Estimation in the Wild with Deep RoR Architecture". In this paper, they have proposed the CNN-based method which would classify the person on the age group of particular range and prediction of age is done leveraging residual networks of residual networks (RoR).

Jiale Chen, Sen Liu, Zhibo Chen "Gender Classification in Live Video" Nowadays the majority of time video or image is a capture from a mobile device rather than that of professional camera equipment, so in this paper, they have explained the fetching of data from camera and processing in the real-time so as the get the output immediately. In this paper, they have used the CNN technology which collects the image frame by frame from the video and compares it with the dataset and makes the following result.

Gil Levi and Tal Hassner "Age and Gender Classification using Convolutional Neural Networks" This convolutional technology has referred to the use of deep-convolutional neural network (CNN).

Filex Anda "Evaluating Automated Facial Age Estimation Techniques for Digital Forensics" This paper documents cognitive age prediction in which it helps the police, detectives and investigators to identify the undignified person which are involved in the child abuse. In this case the change in the facial shape in one of the major key which is taken into consideration in this document using various automated machine learning-based techniques.