



TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Total number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years is given below:

Year	2023-24	2022-23	2021-22	2020-21	2019-20
Number	12	7	1	2	0


Dr. Aneet Bedi
Director



ACADEMIC YEAR

2023-24

Book Chapter Publications and Conference Proceedings

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

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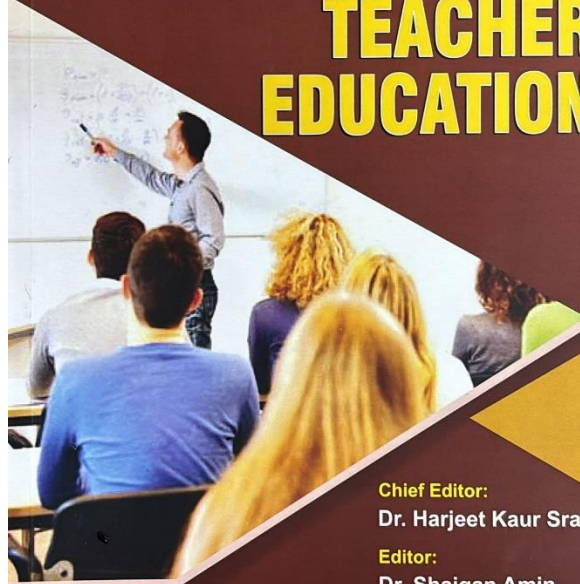
S.No.	Name of the author/s	Department of the teacher	Name of Book	Year of publication	ISBN number
1	Ms. Simrat	Management & Commerce	Quality Concerns in Teacher Education	2023-24	978-81-963424-8-7
2	Ms. Simrat	Management & Commerce	National Education Policy- 2020 Issues, Approaches and Challenges	2023-24	978-81-961028-3-8
3	Dr. Aishwarya Goyal and Dr. Amit Goyal	Management & Commerce	The Rise of Online Marketplaces	2023-24	978-93-5868623-5
4	Ms. Joshna Sanolia	Management & Commerce	COVID -19: Challenges and Opportunities for the Indian Economy	2023-24	978-93-5840-517-0
5	Dr Tarandeep Singh and Dr. Shiv Kumar	Computer Applications	Under Publication	2023-24	978-981-97-3588-4
6	Dr. Aishwarya Goyal	Management & Commerce	Latest trends in Business	2023-24	978-93-6092-400-3
7	Dr. Aneet Bedi and Dr. Bushra S. P. Singh	Management & Commerce	Changing Patterns in a Borderless World	2023-24	978-81-19079-33-9
8	Ms. Neelam Sharma	Management & Commerce	NA	2023-24	978-93-5529-783-9
9	Dr. Dipneet Saini	Management & Commerce	"Exploring Emotional Labour - Indian Hotel Industry"	2023-24	978-1-63640-823-1
10	Dr Tarandeep Singh	Computer Applications	NA	2023-24	Under Publication
11	Dr Shiv Kumar	Computer Applications	NA	2023-24	979-8-3503-4616-9
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13	Chandni Rani	Management & Commerce	Financial Marketing and Services	2022-23	978-81-949793



14	Preet Navdeep; Dr. Neeraj Sharma, Manish Arora	Management & Commerce	International Conference on Innovative Practices in Technology and Management (ICIPTM)	2022-23	978-1- 6654- 6643-1
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16	Ms. Neelam Sharma	Management & Commerce	Contemporary Issues in Emerging Markets Conference (CIEMC 2022)	2022-23	BOOK OF ABSTRA CT
17	Ms. Neelam Sharma	Management & Commerce	Research Issues in Business and Finance	2022-23	978-93- 56400-00- 9
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19	Dr. Aishwarya Goyal	Management & Commerce	HR 2.0 and the Transformative Influence of Artificial Intelligence on Human Resource Management	2022-23	
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21	Dr. Neeraj Sharma	Management & Commerce	Springer Lecture Notes in Networks and Systems	2020-21	2367-3370
22	Neelam Sharma, Dr. Amit Srivastava and Dr. Sakshi Khanna	Management & Commerce	Managing Uncertainty during a global pandemic an Indian perspective	2020-21	978-81- 949053-0- 1



QUALITY CONCERNS IN TEACHER EDUCATION



Chief Editor:
Dr. Harjeet Kaur Sra

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Dr. Shaigan Amin

Co-Editor:
Ms. Ritu Jamwal

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ISSUES AND CHALLENGES IN TEACHER EDUCATION

Ms. Simrat*

Abstract

The role of a teacher is to guide and motivate students in their pursuit of knowledge while considering their individual abilities, intelligence, behaviour, background and current situation. Modern classrooms have adopted a student-centered approach where teachers act as facilitators rather than authoritative figures, making their job more challenging. A good teacher is one who loves teaching and can instill a love of learning in their students, preparing them to become responsible citizens. The responsibility of creating good teachers lies with the education system, which must prioritise the improvement of teacher education to ensure overall development. This can be achieved by providing better training, mentoring and support to teachers and encouraging a culture that fosters ongoing learning and development in one's profession. Improving the quality of teacher education is essential to equip teachers with the necessary skills and knowledge to facilitate a student-centered learning experience, ultimately shaping the future of their students and society.

Keywords: Teacher Education, Challenges, Issues, Problems.

Introduction

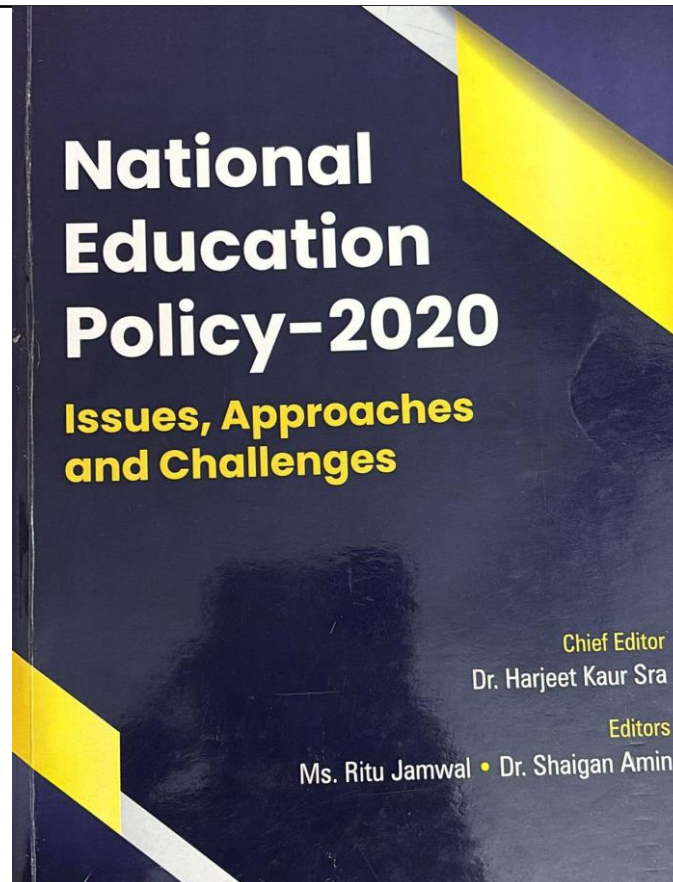
Anatole France once said that the art of teaching is simply the art of piquing students' natural curiosity and then satisfying it. However, the reality of being a teacher is far more challenging than this statement implies. Unlike other professions, a teacher's work cannot be confined to the present moment. They must put in extensive effort before and after the actual teaching takes place. The saying "A teacher presents the past, reveals the present and creates the future" perfectly captures the richness and difficulty of the teaching profession. A teacher cannot rely solely on their prior knowledge and experience but must consider the unique minds, capabilities, intelligence, behaviours, backgrounds and current situations of each student. This complexity makes teaching a daunting task, leading some to consider teachers the creators of other professions. While all teachers are creators, the quality of their creations varies according to their level of expertise. It's ironic that while there are many teachers in India, there are few who have the ability to cultivate students or citizens capable of making a positive contribution to the country. It's common to come across individuals who possess degrees and theoretical knowledge

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NATIONAL EDUCATION POLICY - 2020 (ISSUES, APPROACHES AND CHALLENGES)

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Commercialization of Education with Special Reference to National Education Policy 2020

Ms. Simrat*

Abstract

The paradigm shift in education from service to business is an expanding concern today. The period of 2000's has been linked with growth, privatization, and internationalization of Indian education system. It has both positive as well as negative effects. However, expensive education in a developing country like India is more prone to negative results due to high disparity in income and purchasing power. This research paper aims to discuss the issue of commercialization of education with special reference to National Education Policy, 2020. One of the aims of National Education Policy, 2020 is also focusing on keeping a check on commercialization of education in India.

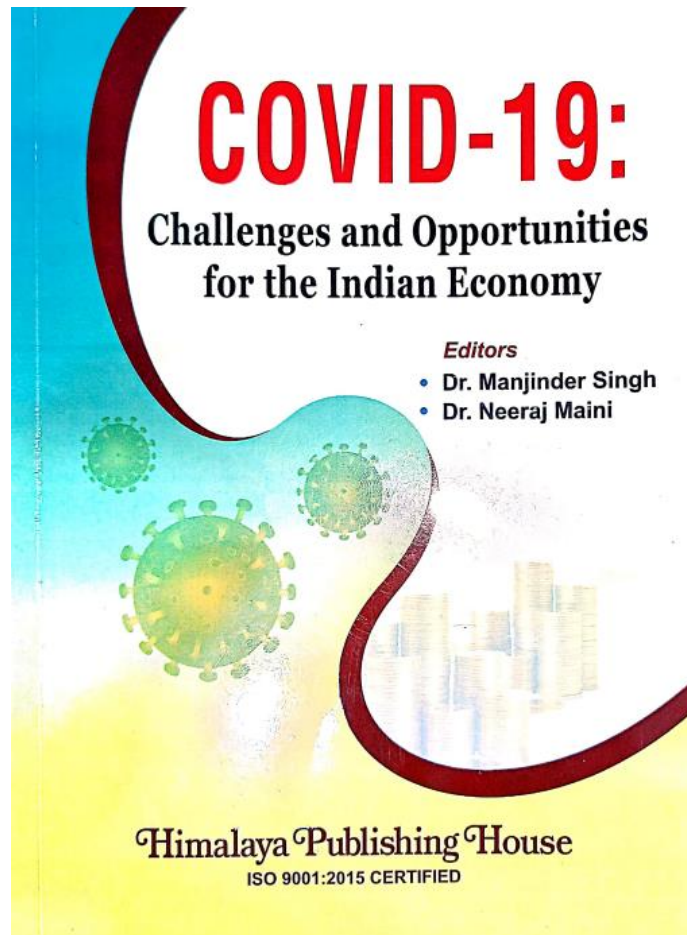
Keywords: Commercialisation of Education, NEP 2020

Introduction

Education is the comprehensive progression and holistic development of the personality of an individual that makes him a critical thinker, rational and a responsible human being. It is a determined undertaking directed at attaining definite goals, such as gaining knowledge or nurturing skills and development of traits related to one's character like rationality, honesty, kindness, understanding, and the like. However, the commercialization of education has been a current trend in India that originates from the reforms that has taken place in the country over the last two decades such as Liberalization, Privatization and Globalisation. Commercialization is generally a process by which a latest product or service is launched in a market. Commercialization of education can be defined as a procedure of private ownership as well as management of educational institutions through which investments are made with the aim of earning profits. It is basically a propensity to make education business-oriented with the sole motive of earning more and more profits. Commercialization of education is not an unanticipated process in the education system, but a consequence of gradual changes in the system. The conventional education system in India was fascinated on personality development, but with the commercialization of education, it has become a process of training and generating specialised human capital. In other words, education has been transformed into a perfectly organised process to fabricate trained human resources alongwith potential of higher value addition and more profit generation. Education sector has become a fast growing market due to its commercialization. The main objective of this paper is to discuss the

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Influence of HR Practices on Employee's Performance during COVID Times – A Meta-analysis

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Abstract

Purpose – The main aim how HR practices impacts the performances of the employees especially in these challenging times and how it can result in the upgrade and degrade the status of the company.

Approach – The research approach used in this research is the source of data in the form of Literature review, journals, newspapers etc.

Findings – The major conclusion which we can draw from this research is that the performance of the employees directly depends upon the human resource practices in an organization and the value of it increases when the whole society is been facing unprecedented times.

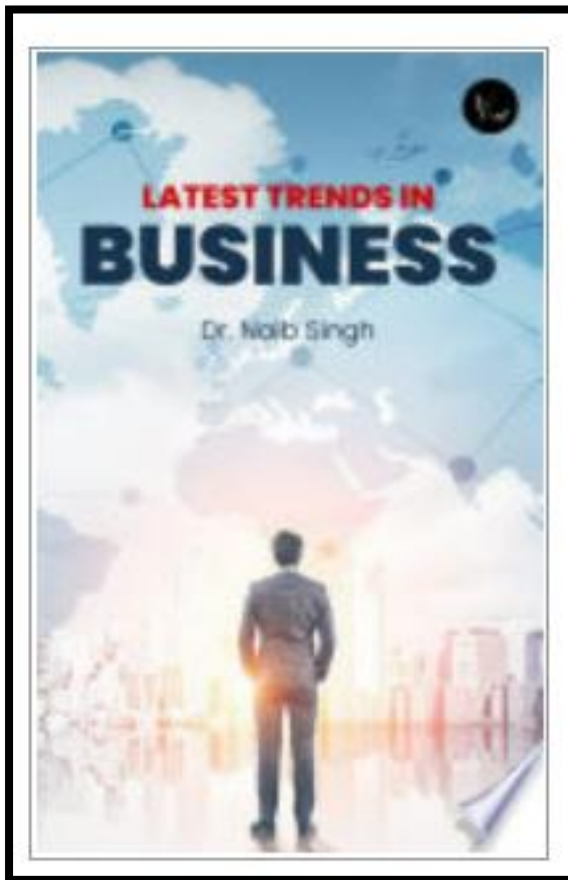
Originality/value – The paper primarily focuses on the impact the HR practices have on employee's performance and how some certain practices or the nature of the work can be moulded according the situation which can be beneficial for the company and can be important for overcoming tough times.

Keywords: Practices, employees, performance, human resources, work.

Paper type – Research paper

Introduction

In the field of Human Resources there is a very eminent quote given by **Doug Conant** — “**To win the marketplace, you must first win the workplace**”. During the initial days of COVID-19 various organizations and our country faced mismanaged scenario which could have been avoided if little amount of concern and few changes in HR practices and human care was



Latest Trends in Business

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The Rise of Online Marketplaces

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Abstract

The emergence of internet markets has completely changed the way that we purchase and sell goods and services. These online marketplaces, which link consumers and sellers and provide a wide selection of products at the touch of a button, include Amazon, Flipkart, and Myntra. These marketplaces have become increasingly popular because to the ease of online shopping and the security of their payment methods. Even easier access is made available by mobile apps, which enable purchasing from anywhere at any time. A dynamic and complex marketplace has been established by enterprises having an online presence in response to the competitive atmosphere. New technologies like artificial intelligence (AI) and augmented reality (AR) improve user experience, but organizations now have to prioritize sustainability and cyber security. Online marketplaces' growing cultural and financial implications highlight the necessity of ethical behavior and teamwork in order to guarantee an impartial and inclusive digital future.



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CHANGING PATTERNS IN A BORDERLESS WORLD

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Exploring the Efficacy of Euler’s Method using different Computational Techniques

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Abstract

This paper presents an exploration of the Euler’s Method; a numerical approximation technique widely used for solving ordinary differential equations (ODEs) using different programming languages like C++, Python, and Java. The values of variables required to solve the equation must be inserted at run-time or can be made static in the program. In this paper the study has shown the approach to solve Euler’s method in database using Oracle. With this technique the runtime variable values can be store in a database table that can be used again as many times. This study compares the time utilization to solve Euler’s method using C++, Python, Java and Oracle Database. The code of solving Euler’s method by each approach, the output and the time utilization using an example is also provided for further study and comparison.

Keywords: Euler’s Method, Execution time, step length, etc.

INTRODUCTION

The research has been made to represent solution of Euler method using Oracle database. This research have recreated this task in Database to represent data selection from tables rather than inserting at run-time or use static values as in many programming languages like C++, Python and Java. The terminology generally used for database is only that it stores data. The solution for Euler’s method using Oracle database is to represent that complex calculation can be performed at back-end with data selection which is stored in a table, this table data can be use of multiple times which saves time and computer system resources. The data stored in the table can be selected and given to the function to perform calculations, and the calculations can be performed using less time of execution. The study also represents calculation of Euler’s method in programming languages like C++, Python and Java and compares the time execution of various programming languages.

METHODOLOGY

A. Creating Code in Oracle Database:

A1. Creating Function in Oracle Database

The function with name “STPV” has been created as shown in the Table 1.

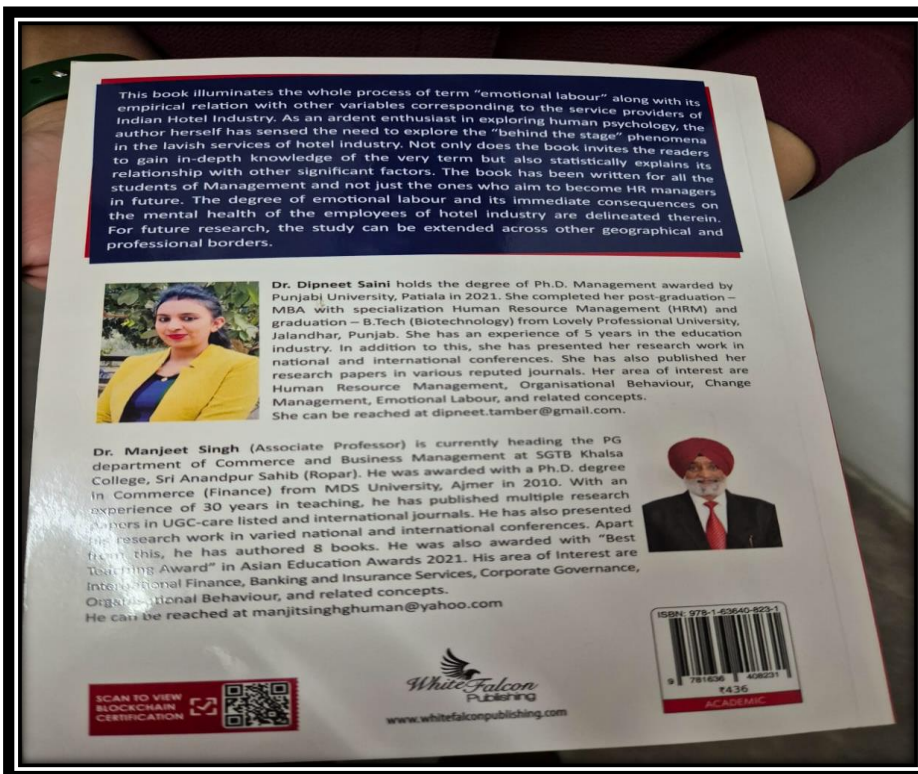
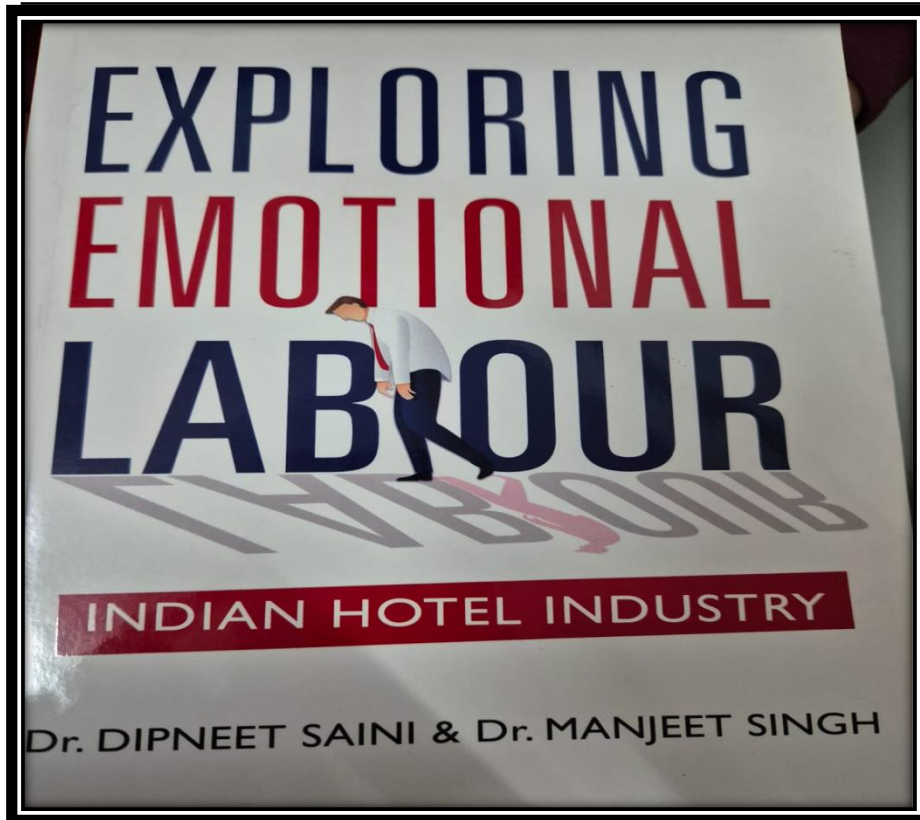
Table 1

```
CREATE OR REPLACE Function STPV (f IN number, i
IN number, s IN number) RETURN number
IS
h number,
x0 number,
y0 number,
fv number,
ll number,
BEGIN
ll:=0,
k:=(f-1)/s,
x0:=0,
y0:=1,
loop
dbms_output.put_line ('L = ' || ll || ' x = ' || x0 || ' y = ' || y0);
fv:=y0+h*((y0-x0)/(y0+x0));
y0:=fv;
x0:=x0+h;
ll:=ll+1;
exit when ll>s;
end loop;
RETURN fv;
END;
```



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A Novel Approach To Auto Dipping System Of Vehicles Based On LiDAR

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Abstract— Automation is part of life these days. Every gadget in our routine lives is part of artificial intelligence these days. Vehicles are also part of this update these days. Almost all the automations around us that concern vehicles are useful. From the auto-engine-check system to the automatic cleaning of the wind screen and the auto-door-lock system to the anti-lock-braking system and the auto-air-bag system, all are useful and are part of vehicle safety these days. Furthermore, the auto-dip system is important in vehicle automation. Nearly 50% of accidents these days are due to bad driving at night. Dipping headlights play a vital role in visibility at night. Several papers have been published in response to this concern about the course of scarcity. Some are widely used in the market, but they have limitations, such as not being able to provide legally required removal or working in every climate. The framework is required and won't influence the exhibition of vehicles. This paper proposes an innovative system of auto-dipping using LiDAR that is accurate and will work in every atmospheric condition. Moreover, the auto-dipping system that is proposed is handy and innumerable in terms of weight.

Keywords— LiDAR, auto dipping, head light, artificial intelligence, ABS

I. INTRODUCTION

In India, limit of the Public Roadways are perfect. The Public Roadways likewise are very great nowadays. Yet, in any case the pace of mishaps is developing consistently a result of terrible driving abilities. To handle these abilities Legislature of India had opened Driving Schools, which isn't generally adequate to control the pace of mishaps because of awful driving abilities. In this line the Plunging of Head Light is a fundamental part. After twilight or in the evening, not all streets are well lit. This causes the drivers to activate their high profundity radiates in order to blast long reach perceptibility [1]. High shaft from the front light reasons a dangerous situation throughout evening driving. It reasons transient visual deficiency for the drivers that can bring about crash or some of the time it can bring about mishap [2]. The majority of explores in the field of Auto Scoop Framework depend on LDR (Light-Subordinate Resistor) Framework. The primary entanglement of LDR is that the framework depends on force of light [3]. In foggy days or in Stormy days LDR framework flopped as the force of light is excessively low. Aside from that, the photoresistor, or LDR, is dependent on light power rather than item distance, which is important to avoid mishaps on the street. The light from a streetlamp and a vehicle's tail light both fall on the LDR, causing the changing circuit to alternate between high and low radiation [4]. Li-Fi Procedure, for example, has a sheet distance range of 10 metres [5]. Dimensions in a paper framework were determined by shaft

width, point, and power. The way a parkway is built is just one example of how things like day/night cycles and glare from opposing headlights can change how bright a car's headlights are [6]. This paper proposes an auto-plunging framework based on LiDAR to overcome the noted shortcomings and disadvantages in general.

II. LITERATURE SURVEY

Aslam Mustafa et al. [7] developed a programmed front lamp pillar regulator. The high bar will be switched to a low bar when it senses the light force of opposite vehicles, reducing the glare impact. A programmed front lamp dimmer for vehicles using a light-dependent resistor (LDR) sensor was proposed and implemented by Williams, E. A. et al. [8]. As soon as the light-dependent resistor senses that the fog light is off, the device will turn it off automatically.

Programmable fog light scoops based on the reactions of approaching vehicles are depicted by Mali P.S. et al. [9]. This maker employs a light-dependent resistor (LDR) to determine whether or not the source of illumination is low or high in the shaft. The setups imply a transition from upper mode to scoop mode for the LDR.

The authors of [10] (Malhotra S. et al.) propose a programmed brightness control using an LDR sensor. They used Drive and LDR in this architecture. Diode that operates on the basis of electro radiation theory. As per the programming, the Drive will shine. If they do not require light during the day, the drive will automatically turn off.

Sarma, C., et al. [11] provided techniques for controlling the power of lights during evening hours in their work on the limits of likely vehicle front lamp advancements. Ghaosan Maan Salim et al. [12] proposed an ideal light power utilisation. Based on the impact of the light on the environment, the LDR sensor will adjust the lighting levels in the room.

Kate, K., et al. [13] proposed an ingenious auto-plunging framework to be installed in the car's dashboard. Plunging the high-light-emission vehicle and showing a hint of a scoop to the concerning car when it detects its headlights is one way to prevent accidents. When every car is equipped with this auto-scoop, the entire system will function optimally. This framework would aid in preventing mishaps caused by the incredible descent made by approaching high bars. The proposed framework utilises a Raspberry Pi and USB webcam for constant handling. The approval of the framework has been completed, utilising both recreation and genuine equipment.

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Preface

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ORGANISATIONAL MANAGEMENT

Chapter 1

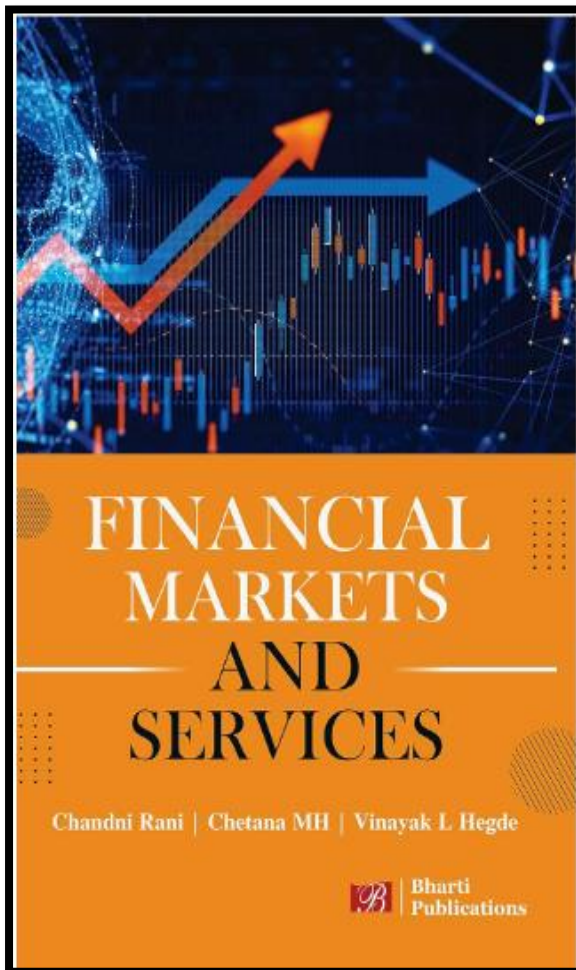
GAMIFICATION IN RECRUITMENT AND SELECTION: OPPORTUNITIES AND CHALLENGES

Dr. Aishwarya Goyal

Dr. Bushra S. P. Singh

ABSTRACT

The use of gamification in recruitment and selection has emerged as a dynamic approach to revolutionize talent acquisition processes. It offers a range of opportunities to engage candidates effectively, assess skills accurately, and enhance the overall candidate experience. However, organizations must also address challenges related to bias, validation, resource allocation, security, and user experience to leverage gamification successfully in their hiring processes. By carefully navigating these opportunities and



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Threshold Impacts of Public Expenditure on Economic Growth: Insights from India Utilizing Panel Threshold Regression Model

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Abstract

This research examines the impact of public expenditure dynamics on economic growth in India and its six distinct regions (North-Eastern, Northern, Western, Southern, Eastern, and Central) using Hansen's panel threshold regression model. Spanning from 1999–2000 to 2018–19, the analysis reveals significant inter-regional variations in the relationship between public expenditure and economic growth. The Northern, Western, and North-Eastern regions exhibit a singular threshold impact, indicating that exceeding this threshold level may not positively influence economic growth and could lead to fiscal imbalances. In contrast, the Central, Eastern, and Southern regions illustrate no threshold effect. Furthermore, the study identifies that the optimal expenditure threshold is higher for the North-eastern region (81.9%) compared to the Northern (60.5%) and Western regions (50.7%), reflecting higher expenditure requirements. Conversely, when considering India as a whole, no threshold effect is observed, indicating a consistent impact across all regions. The findings underscore the importance of policymakers' attention to optimal expenditure, crucial for addressing long-term budgetary imbalances and fostering inclusive growth.



DIMENSIONAL ASSESSMENT OF THE HUMAN DEVELOPMENT INDEX WITH SPECIAL REFERENCE TO INDIA

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Dr. Sakshi Khanna²

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ABSTRACT

A substantial body of literature describes the significance of human development or quality of life. Human development indicators are important measures for recognizing well-being as a comprehensive concept; they are commonly grounded in very different methods that can recognize within an applicable theoretical and conceptual framework—likewise basic needs, access of merit goods along with capability approach, they vary considerably in statistical quantity as well as quality. This paper has two major objectives: (1) to review the dimension-specific literature on human development or human well-being; and (2) to examine the indicator-specific human development perspective for India. Results showed that the country (India) is going well in its human development track whereas some necessary changes are still required to gear up the equal progress among all the three-dimension indices and then collectively on the human development index. However, the welfare policy formulation, implementation, the shaping of national and international targets, should be taken up strongly to form the HDI base of India. This is deemed to be necessary in order to attain the ultimate objective human development of India.

Keywords: Human Development, Capability Approach, Quality of Life, Dimension-specific, and Well-being.

INTRODUCTION



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to me ▼

Dear Author,

I hope this message finds you well and that you had a wonderful start to the new year. I am pleased to inform you that your chapter, titled "Role of Artificial Intelligence in Re-inventing Human Resource Management," has been accepted for inclusion in the book "HR 2.0 and the Transformative Influence of Artificial Intelligence on Human Resource Management." Congratulations on this accomplishment!

Your chapter provides valuable insights into the transformative impact of Artificial Intelligence on Human Resource Management. The content is well-structured and contributes significantly to the overarching theme of the book. The ideas presented are thought-provoking, and the narrative flows seamlessly. You are requested to do a grammar check of the chapter thoroughly.



Chapter – 14

The Socio-Economic Scenario and COVID-19 Pandemic: A Sector-Wise Review of Indian Economy

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Information Technology, Wagnaghat-173234, Solan (H.P.),
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Abstract: The pandemic of COVID-19 has adversely affected the economies of the world today. In the wake of this global crisis, countries across the world have invoked and implemented various measures to effectively contain the pandemic. This paper analyses the sector-wise, socio-economic consequence of Covid-19 with the lockdown amidst the ongoing pandemic and summaries a sector-wise review of the enduring pandemic on the Indian economy. However, the increasing number of lockdowns, government relaxations packages, monetary and fiscal policy decisions and national and global travel restrictions brutally affected the economic and social activities of the various sectors. Though the pandemic taught survival techniques to each sector in a practical way. The pandemic of Coronavirus will fundamentally re-shape the world order as it upends the whole system of the globalized world towards national or regional approaches.

Keywords: Pandemic-COVID-19, India economy, Lockdown, Socio-economic, Economic activities, Sector-wise, Government.



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Exploring the Mediation Effects of Economic Growth Between Public Expenditure and Human Development for India

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Abstract

Public finance is the strategic process of organized spending by public authorities. It is essential for proper allocation of resources and to facilitate various public services. Government spending activities are accountable for whole performance of the country which can be measured through the nation's economic growth. However, in the present scenario, a country whether developed or developing not only has the basic objective to ensure economic growth but also to achieve human development. A nation by providing its citizens with basic amenities like food, clothing, housing along with additional facilities for health, education, better standard of living, etc., prepares the path toward development. So, the purpose of this study is to shed light on the association between public expenditure, economic growth and human development. Although, the previous studies have contributed significantly in this area but, they do not discuss the mediation effect of economic growth between public expenditure and human development. The present study tries to fill this gap in case of India. The results show that there exists a significant linkage between public expenditure and human development as a mediation intervention through economic growth. It is also shown that merely 20% of the changes in human development are accounted by public expenditure only and 80% are coming through economic growth. Hence, from the results, it could be said that the Government spending should be done in such a way that regulates the distribution of income in order to achieve economic efficiency and thereafter Human Development.

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