



# Jagan Institute of Management Studies

3, Institutional Area, Sector-5, Rohini, Delhi-110085

## Details of Publications in any other referrerd Journals

Annexure IV-D







## Jagan Institute of Management Studies

3, Institutional Area, Sector-5, Rohini, Delhi-110085

7	Dr. Deepthi Sharma	Advances in Intelligent Systems and Computing book series (AISC, volume 1165)	A Predictive Approach to Academic Performance Analysis of Students Based on Parental Influence	Springer	<a href="https://link.springer.com/chapter/10.1007/978-981-15-5113-0_6">https://link.springer.com/chapter/10.1007/978-981-15-5113-0_6</a>	ISSN: 2194-5357	Aug-22
8	Dr. Disha Grover	IJRT	Analysis of business sustainability in Startups in India	Peer Reviewed Referred	<a href="https://www.ijrt.org/papers/IJRT2101525.pdf">https://www.ijrt.org/papers/IJRT2101525.pdf</a>	ISSN: 2320-2882	Jan-23
9	Dr. Deepak Chahal	Journal of Informaton Assurance & Security (ISSN: 1554-1010)	Android Asset Packaging Tool based Forensics Security and Predictive Analysis	ISCI (Web of Science)	<a href="https://www.mirlabs.org/jias/secured/Volume16-Issue3/vol16-issue3.html">https://www.mirlabs.org/jias/secured/Volume16-Issue3/vol16-issue3.html</a>	ISSN 1554-1010	Jun-23
10	Mr. Sunny Seth	South Asian Journal of Marketing & Management Research (SAJMMR)	Role of Financial Literacy in Adoption of Digital Payments in India	Peer-reviewed	<a href="https://saarj.com/wp-content/uploads/SAJMMR-JUNE-2023-FULL-JOURNAL.pdf">https://saarj.com/wp-content/uploads/SAJMMR-JUNE-2023-FULL-JOURNAL.pdf</a>	ISSN: 2249-877X	Jun-23
11	Mr. Sunny Seth	Lloyd Business Review (National)	An M/M/c/N Feedback Queuing System with Encouraged Arrivals, Reverse Reneging and Retention of Reneged Customers	Google Scholar	<a href="https://www.lloydbusinessschool.edu.in/Research-Publication/pdf/complete-paper-sunny-seth-1-3-2021.pdf">https://www.lloydbusinessschool.edu.in/Research-Publication/pdf/complete-paper-sunny-seth-1-3-2021.pdf</a>	DOI:10.17605/OSF.IO/REW49 (Only DOI no. available, No ISSN No.	Feb-23
12	Dr. Parminder Kaur Bajaj	MUDRA: Journal of Accounting and Finance	Recent Developments and Applicability of the Black and Scholes Model in Option Pricing: A Literature Review	Proquest, EBSCO	<a href="https://www.journalpressindia.com/mudra-journal-of-finance-and-accounting/doi/10.17492/jpi.mudra.v7i2.722034">https://www.journalpressindia.com/mudra-journal-of-finance-and-accounting/doi/10.17492/jpi.mudra.v7i2.722034</a>	ISSN: 2395-2598	Dec-22





4th International Conference on Innovative Data Communication Technology and Application

Swarm Intelligence in Data Science : Challenges, Opportunities and Applications

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Abstract

The Swarm Intelligence (SI) algorithms have been useful in solving multifaceted optimization problems. SI Algorithms as the name suggests work on the simulation principle of behaviour of biological swarms. Today, there is lot of advancement in the field of Data Science; which comprises of large amount of Big Data that needs to be managed as well as analysed. Traditional methods may only be applied to differentiable and continuous functions. For population-based approaches, Swarm Intelligence proves to be effective and efficient. In order to have better insight into applications of SI Algorithms in Data Science, and to accumulate a further reference for the future researchers in this field, this paper discusses scope of Swarm Intelligence in Data Science. On the basis of existing work; the following paper also focusses on the Challenges and Opportunities of SI in Data Science and also encourage to design more efficient algorithms in future that is capable to solve Data Science related problems in real world.

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*Keywords:* Swarm Intelligence; Data Science; Artificial Intelligence; Evolutionary computation

1. Introduction

Data Science has been one of the widely grown and emergent fields in the recent years.[42-46][49-51] Data Analytics is an important component of Data Science, whose aim is to perform automatic extraction of meaningful data from the huge text. Traditional model-based methods involve conversion of raw data into mathematical models. But, these methods usually fail to produce desirable results due to change in noise, volume, dynamical updates etc. So, there is a need to develop new and effective methods that is able to withstand any changes and deal with data analytics related tasks. Mostly applications in Data Science are based on Optimization problems. So, it is required for the algorithms to search the solution space and be able to find the optimal solution [1]. The drawback of Traditional model-based approach is that it requires raw data to be converted into the form of differentiable and

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## SURVEY ON E-WASTE REGULATION

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### ABSTRACT

*In order to reduce and manage the ever-increasing threat of E-waste to the environment and human health, the problem of E-waste has compelled environmental agencies of many countries to innovate, develop, and adopt environmentally sound options and strategies for E-waste management. This paper reviews the e-waste and environmental issues associated with discarded electronic devices. Additionally, the development and implementation of e-waste management plans in developing and developed countries, as well as potential environmental issues related to their disposal, are discussed. Also, the paper highlights the different health issues associated with e-waste generation.*

**KEYWORDS:** e-waste, landfilling

### INTRODUCTION

Our groove gives rise to a wide variety of different wastes emerging from different sources. Hence, Municipal waste is the waste that is being created by house folks which include organic waste, papers, metals, plastics, etc. One of the fastest and largest growing manufacturing industries in the world is the electronics industry. Every good thing comes with a price as a result of the growth of the electronics industry, a by-product form which is Electronic waste commonly known as E-waste or end-of-life(EOL) electronics, or Waste Electrical and Electronic Equipment (WEEE). Electronic appliances such as TVs, mobile phones, MP3 players, computers, DVD players, speakers, computer components, laptops, etc which have been disposed of or unwanted by their original users are Electronic waste. The waste which is produced by hospitals and other health care is commonly known as Biomedical waste units Which consist of waste sharps, discarded drugs, anatomical waste, etc. The waste that emerges from production processes, households, and industrial activities is known as hazardous waste. The problem of e-waste has become an instant and long-term consideration which leads to a considerable amount of environmental problems. According to the Central Pollution Control Board (CPCB), E-waste is expanding awfully, with a growth rate of about 31% annually. E-waste includes toxic components which are menacing to human health, such as mercury, polybrominated flame retardants, lead, cadmium, barium, etc. The effect of toxins on human beings includes heart, kidney, skeletal system damage, liver, and brain. In India, e-waste estimates comprise computer attachments (68%), telecommunication apparatus (12%), electrical tools (8%), health tools (7%), and household electrical scrap (5%). There are ten states which contribute 70% of the total e-waste generated in the country which is followed by Tamil Nadu, Uttar Pradesh, Karnataka, Gujarat, West Bengal, Delhi, and Madhya Pradesh, Punjab, and Andhra Pradesh. Of the top ten cities producing e-waste, Mumbai draws up at the top, ensured by Delhi, Bangalore, Ahmedabad, Chennai, Kolkata, Hyderabad, Surat, Puna, Nagpur, and Pune, As in the global context, it is evaluated that more than 53.6 million metric tonnes (Mt) of electronic waste is generated globally every year. The summons of managing e-waste in India is distinct from those of other countries. Consequently, Electronic and Electrical waste are hazardous to the environment and human health, and it also endangers different species. A management system has to be designed to provide environmental benefits from the collection, recycling, and mining of e-waste.





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## A Predictive Approach to Academic Performance Analysis of Students Based on Parental Influence

[Deepti Sharma](#)  & [Deepshikha Aggarwal](#)

Conference paper | [First Online: 02 August 2020](#)

**1047** Accesses | **1** Citations

Part of the [Advances in Intelligent Systems and Computing](#) book series (AISC, volume 1165)

### Abstract

The analysis is conducted to inspect the level of parental influence on academic performance of college students. A sample of around 400 students was randomly selected. The data was examined using Python. The results of the analysis indicate that various parental factors such as parental education, job of parents, facilities and environment at home have a considerable influence on their



children and affect their academic performance. The results presented that there was a positive impact on academic performance of students if they were getting adequate support at home. The findings of the study have been used to propose a predictive model for student academic performance. Through this study, we have been able to highlight several factors that need to be considered by the parents, teachers and peers to support the students in their academic development. The results showed that various aspects of family influence are positively correlated to actual academic performance.

Different factors are considered to derive the results which include size of family, cohabitation status of parents, education of mother and father, job of mother and father, Internet and paid classes at home. The effect of each of the factors is analysed, and a predictive model is proposed based on the analysis.

#### Keywords

**Parental influences      Academic performance**

**Correlation      Regression**

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