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| 3 | Mrs.C.Jeya Gowri, Commerce | - | Impact of Digital Payment During Covid'19 | National Conference on Progression of strategies in Indian Business |
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A New Approach For Solving Interval Based Assignment Problem by using Complete Bipartite graph

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ABSTRACT

In this paper introduced solving interval based Assignment problem in another way by using complete bipartite graph directly with algorithm. The edges are represented the cost of assigning person to task, the nodes are represented the tasks and persons. The solution will be by choosing the minimum cost (edge) from the costs (edges) and delete the selected edge as well as nodes associated with the corresponding edge, then delete all other edges associated with the nodes. Also, compare the optimal solution with this new interval method and an existing interval assignment method.

Keywords: Assignment problem, Hungarian assignment method (HA-method), Complete Bipartite graph, Optimization.

CYCLE VERTEX SUPER MAGIC DECOMPOSITION OF GRAPHS

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நற்றிணையில் தாவரங்கள்

பொருளடக்கம்

பக்கம்

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இந்நூலாசிரியர், திருநெல்வேலி, மேலப்பாளையம் அன்னை ஹாஜிரா பெண்கள் கல்லூரி தமிழ்துறையில் உதவிப் பேராசிரியராக 2007 ஆம் ஆண்டு முதல்பணியாற்றி வருகிறார். நற்றிணையில் உயிரியல் கூறுகள் என்ற தலைப்பில் ஆய்வு மேற்கொண்டு முனைவர் பட்டம் பெற்றுள்ளார். பல்கலைக் கழகம் மற்றும் கல்லூரிகளில் நடைபெறும் கருத்தரங்கங்கள்,

பயிலரங்கங்களில் கலந்து கொண்டு தனது ஆய்வுரைகளை வழங்கி வருகிறார். இவரது 40 க்கு மேலான ஆய்வுக் கட்டுரைகள் ஆய்வுக் கோவைகளில் வெளியாகியுள்ளன. இவர் கலந்து கொண்ட கருத்தரங்கங்கள் சுமார் 200. 20க்கும் மேலான விருதுகளைப் பெற்றுள்ளார். அநேக இடங்களில் நிகழ்த்தப்படுகின்ற கலை இலக்கியப் போட்டிகளில் நடுவராகவும் செயல்பட்டு வருகிறார். கல்லூரிக் கருத்தரங்கங்கள் மற்றும் வலை மேடைகளில் சிறப்பு அழைப்பாளராகக் கலந்து கொண்டு சிறப்புரைகள் வழங்கி வருகிறார். இவர் சிறப்பு அழைப்பாளராகக் கலந்து கொண்ட நிகழ்வுகள் 20க்கு மேலாகும். பட்டிமன்றப் பேச்சாளர். பட்டிமன்ற நடுவர். நற்றிணையில் தாவரங்கள் என்னும் இவ்வாய்வு நூலை இவரது முதல் நூலாகும்.

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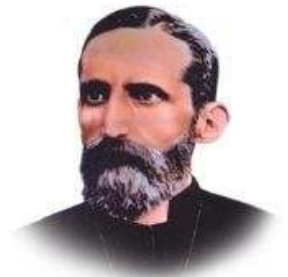
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IMPACT OF DIGITAL PAYMENT DURING COVID'19

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ABSTRACT

Every day, the world is waking up to the growing number of cases and unprecedented reports of government efforts to keep citizens safe and stem economic impacts, efforts that depend on access to reliable and quality data. Most of the sectors severely affect by this COVID'19. Only government production measure will helpful to move the next step in the positive way. Government relaxed in financial packaging help to survive this situation. The present study is restricted to know the impact of digital payment during COVID'19 and the experience of the users who are living in Tirunelveli city. The researcher has selected convenience sampling technique and the total number of samples was 87. The structured interview schedule was used to collect the relevant data. The suitable statistical tools are Percentage Analysis, Garret ranking and Chi Square Test applied for analysis and interpretation.

Keywords: Electronic clearing service, Immediate Payment Service, National Electronic Fund Transfer, Virtual Payment Address, Point of Sale, Internet Banking, Aadhaar Enabled Payment System

INTRODUCTION

Digital transaction is defined as transactions in which the customer authorizes the transfer of money through electronic means, and the funds flow directly from one account to another. These accounts could be held in banks, or with entities/ providers. These transfers could be done through means of cards (debit/credit), mobile wallets, mobile apps, net banking, Electronic clearing service (ECS), National Electronic fund transfer (NEFT), Immediate payment service (IMPS), pre-paid instruments or other similar means. Payments are made using payment instruments. Check and cash are examples of payment instruments. However, digital payment is not a single instrument but rather an umbrella term that is applied to many instruments used in various ways. It can be defined as a way of paying for service or goods via an electronic medium without the use of cash or check. It is also known as electronic payment system or e-payment or digital payment.

STATEMENT OF THE PROBLEM

During the pandemic situation whole world has faced many problems to lead their day-to-day life. In this pandemic period may change the life style of the people. The Government has announced lockdowns and follows certain strict rules. So, the people have faced many problems to satisfy their basic needs also. After some relaxations announced by the government, most of the transactions are done through the online. So, this study shows the impact of digital payment during pandemic situation/COVID'19.

A CONFERENCE PROCEEDINGS OF RECENT TRENDS IN MODERN MATHEMATICS

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5-ORDER PRIME GRAPH

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Abstract

Let G be a group with identity e . The 5-Order Prime graph $\Gamma_{5op}(G)$ of G is a graph with $V(\Gamma_{5op}(G)) = G - e$ and two distinct vertices x and y are adjacent in $\Gamma_{5op}(G)$ if and only if $GCD(O(x), O(y)) = 5$. In this paper, we want to explore how the group theoretical properties of G can effect on the graph theoretical properties of $\Gamma_{5op}(G)$. Some characterizations for fundamental properties of $\Gamma_{5op}(G)$ have also been obtained.

Key words: 5-Order Prime graph, finite group, self inverse element.

1 Introduction

The study of algebraic structures, using the properties of graphs, becomes an exciting research topic in the last twenty years, leading to many fascinating results and questions. There are many papers on assigning a graph to a ring or group and thereby investigating algebraic properties of the ring or group using the associated graph, for instance, see [1, 2, 3, 7, 8, 9, 10, 11, 12]. In the present article, to any group G , we assign a graph and investigate algebraic properties of the group using the graph theoretical concepts. Before starting, let us introduce some necessary notation and definitions.