ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

# Customer Relationship Management Personalization and Automation for Enhanced Customer Engagement

<sup>1</sup>Dr. Vijayakumar Thota, <sup>2</sup>Dr. Kotha Kiran Kumar, <sup>3</sup>Dr. Farheen Ahmad, <sup>4</sup>Dr. Prashant Mishra, <sup>5</sup>Dr. Dhammpal Nivarttirao Ghumbre, <sup>6</sup>Avinash Kumar Mishra

<sup>1</sup>Associate Professor, NSB Business School, Bangalore University, Bangalore vijayssmba@gmail.com

<sup>2</sup>Department Of Marketing Management, Mattu University, Ethiopia

<sup>3</sup>Assistant Professor, Department of Management Studies, Rajeev Gandhi College of Management Studies, Ghansoli, Navi-Mumbai, Maharashtra

<sup>4</sup>Assistant Professor, Department of Management Studies, Pramod Ram Ujagar Tiwari Saket Institute of Management (PRUTSIM), Taluka- Kalyan, Thane, Maharashtra

<sup>5</sup>Assistant Professor, Research Guide, Commerce and Management Faculty, Kalikadevi Arts Commerce and Science College Shirur Kasar Dist Beed

<sup>6</sup>Research Scholar, ISBR Business School, Bangalore

#### **ABSTRACT**

A CRM establishment is presumably going to affect data and customer joy. Notwithstanding, incorporating a CRM technique is presumably going to influence customer information and fulfilment. CRM works on the relationship between the business and its customers and guarantees that customers are fulfilled when they return home. Associations are embracing new strategies for customer relationship management (CRM) because of the computerized change that has totally changed how organizations draw in with their customers. This study looks at how CRM techniques can further develop customer engagement and faithfulness because of computerized change. This study plans to fathom how computerized promoting, related to customer relationship management, influences customer bliss and steadfastness. Evaluating methodology, customer engagement strategy, and quality affirmation technique are the three free factors distinguished in this exploration paper. It then, at that point, assesses what these elements mean for the reliant factors, customer joy and dependability. The information was dissected utilizing the SPSS logical program, which additionally performed unwavering quality investigations utilizing Cronbach's Alpha and importance examinations utilizing Pearson Relationship to decide the significance of the connection between the autonomous and subordinate factors. CRM empowers organizations to screen and evaluate moving business sector drifts and keep in touch with their interest group.

Keywords: Customer Relationship Management, Personalization, Automation, Customer Engagement

#### 1. INTRODUCTION

Customer relationship management, or CRM, is characterized as a system for dealing with a business' connections with both present and future clients by building a solid collusion. The essential goal is to improve customer collaborations through information investigation and verifiable assessment, with a specific accentuation on customer maintenance and income development. One of the principal parts of the CRM technique is the CRM program, which accumulates information from various channels of correspondence, including the client's site, telephone, email, live visit, assets, and virtual entertainment. Organizations have a superior comprehension of how to take care of their objective customers and address their issues by using CRM method and innovations. CRM arrangements let organizations draw in with enormous client bunches autonomously and moderately. Organizations can acquire novel client encounters, make customized arrangements, and develop mutual benefit associations. These strategies work on the functional proficiency of business central command and proposition the ability to develop client relationships. Better advantages areas of strength for and relationships are the two principal objectives of the CRM technique. In reality, it makes it conceivable to watch out for how the organization connects with imminent clients.

Customer relationship management (CRM) has seen an emotional shift because of computerized change, totally changing how organizations draw in and take special care of their customer base. Organizations are perceiving the need to adjust

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

and involve computerized advancements as they keep on growing rapidly to further develop customer encounters, manufacture nearer bonds with their clients, and spike long haul development. CRM has generally involved utilizing divided innovation and human cycles to oversee customer contacts. To more readily get it, draw in, and hold buyers, associations have embraced a more complete way to deal with CRM with the coming of computerized change. This methodology consolidates computerized apparatuses, systems, and information driven procedures. The expression "computerized change" in customer relationship management alludes to different projects intended to utilize computerized innovation to further develop customer encounters, facilitate processes, and get an upper hand in the advanced age. To further develop customer engagement's effectiveness, viability, and personalisation, different innovations, including automation, large information examination, distributed computing, and man-made brainpower (simulated intelligence), are coordinated. Getting more significant information on the way of behaving, inclinations, and necessities of customers is one of the primary goals of computerized change in CRM. Associations can acquire significant bits of knowledge that assist them with grasping clients all the more actually by social affair and examining gigantic volumes of customer information from different sources. Thus, this makes it conceivable to give altered promoting efforts, individualized item ideas, and customized encounters.

Moreover, the computerized change process has made it simpler for customers to speak with organizations across numerous channels, including sites, portable applications, online entertainment stages, and chatbots. Any correspondence stage can be utilized to give a steady and custom-made shopper experience through joining across these channels. The advanced CRM progress is enormously supported via automation and man-made consciousness (artificial intelligence) innovations, which smooth out dreary cycles and empower organizations to offer brief, proactive customer care. Associations might upgrade customer satisfaction and steadfastness by quickly tending to shopper concerns, offering exhortation, and settling issues using chatbots, menial helpers, and artificial intelligence fueled examination. However, there are deterrents in the method of CRM's advanced change. Challenges that associations experience incorporate stresses over information insurance, hesitance to change inside the association, and the necessity for consistent staff preparing and upskilling. It takes an extensive, comprehensive methodology that incorporates mechanical reception, social changes, and continuous figuring out how to explore these snags effectively. The motivation behind this examination study is to explore and assess what computerized change means for CRM, with an accentuation on further developing customer unwaveringness and engagement, through a survey of the strategies, assets, and best practices connected with computerized CRM projects. CRM has gone through a central insurgency because of computerized change, which utilizes automation, information, and innovation to make consistent, individualized customer encounters. The accompanying segments of this paper will meticulously describe the different ways that CRM has been affected by computerized change, underscoring the benefits, hardships, and best practices for organizations hoping to prevail in customer relationship management in the advanced time.

#### 2. LITERATURE REVIEW

Singhal and Sharma (2021) investigate the space of likelihood dispersions and related utilities, offering an important expansion looking like the F-uniqueness measure speculation. Strong State Innovation distributed the work, which features the creation and utilization of F-dissimilarity measurements for an assortment of likelihood conveyances. The creators' expansion of F-dissimilarity measures shows a modern information on these actions' handiness in various conditions. F-disparity measures major areas of strength for are in data hypothesis. The review is appropriate to many fields since it analyzes both hypothetical underpinnings and true applications. The creators make a critical commitment to measurable investigation and dynamic cycles by growing the utilization of F-dissimilarity measurements. This study sets out open doors for additional examination concerning the relationship between utility improvement and likelihood hypothesis.

Berman and Marshall (2020) give a careful investigation of computerized change comparable to e-business initiative. The creators give bits of knowledge into the strategies and authority capacities expected for an effective computerized change, recognizing the basic job that computerized advancements play in changing organization conditions. For experts and company leaders attempting to comprehend the complexities of the advanced age, the book is a priceless reference. Berman and Marshall give a guide to organizations wishing to involve computerized innovation for upper hand by

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

drawing on certifiable models and contextual investigations. The book adds to the extending corpus of writing on computerized change and fills in as an observer to how business is changing in the advanced age.

**Dhabliya's study (2019)** centers around the purposes and significance of various Portland concrete synthetic parts in the structure area. The review, which was distributed in the Woods Synthetic compounds Survey, offers a point by point examination of the capabilities and uses of these substances, enlightening how they add to further developing Portland concrete's qualities and usefulness. The review adds to the collection of information in the development business by giving a comprehension of Portland concrete's substance cosmetics and what it means for the properties of the completed item. Dhabliya gives designers, scientists, and experts working with building materials valuable data by framing this present reality uses of different substance parts. By boosting the utilization of Portland concrete in building projects, this work adds to accomplishing effectiveness and natural targets.

**E. Hasnin** (2018) analyzes, with regards to Egyptian business banks, the perplexing connections that exist between customer engagement, customer worth, and reliability. The review explains how customer esteem capabilities as a middle person in the relationship between customer engagement and unwaveringness, and it was distributed in the Global Diary of Promoting Studies. Hasnin adds to how we might interpret the components that drive purchaser unwaveringness via completing an applied review and featuring the basic job apparent worth plays in framing customer associations. The review underscores the valuable consequences for business banks, including data that can direct essential decisions to further develop client cooperation and develop reliability. The ongoing writing on customer dependability is made more mind boggling by the interceding job of customer esteem, which gives a nuanced point of view that can help specialists and advertisers in the financial area.

Järvinen and Karjaluoto (2015) focus on the ongoing trouble of utilizing web examination to quantify the viability of computerized advertising. Their examination, which was distributed in Modern Promoting Management, talks about how advanced advertising is changing and how web examination apparatuses are being utilized increasingly more to quantify execution. The report underscores how significant it is from an essential viewpoint to utilize web examination effectively to get valuable bits of knowledge into computerized promoting drives. By underlining the worth of information driven dynamic in the field of advanced showcasing, the authors add to the assortment of information. The review is particularly relevant in the period of online cooperations and web based business, giving helpful guidance to organizations hoping to expand their utilization of web examination in advanced advertising efforts.

Ko, Phau, and Aiello (2016) investigate the universe of extravagance brands, taking a gander at the complicated association between purchaser encounters and extravagance organization techniques. Their work, which was distributed in the Diary of Business Exploration, investigates the perplexing parts of premium brand management and makes hypothetical and pragmatic commitments. The journalists put areas of strength for an on how buyer encounters inside the setting of extravagance brands impact discernments and reliability. Our appreciation of the specific challenges and conceivable outcomes connected with extravagance brand system is improved by this exploration. Ko, Phau, and Aiello give promoting specialists in the extravagance area experiences by associating hypothesis to rehearse. This permits them to make and keep up with significant buyer encounters inside the extravagance brand space.

#### 3. RESEARCH METHODOLOGY

## 3.1. Sampling Design

The means that should be taken to carry out the groundwork cycle and meet the review goals are directed by research strategy. For this situation, the specialist utilizes the examination onion to decide the important advances in view of the unmistakable necessities of the exploration project. Furthermore, it supports the selection of methods for information gathering and handling so that concentrate on information can be deciphered utilizing proof.

## 3.2. Research Procedure

The examination cycle supports deciding the boundaries that characterize the exploration interaction as well as the techniques by which the information accumulated are broke down. In this specific setting, it is important to decide the examination reasoning, research approach, and exploration plan notwithstanding the testing strategy and test size of respondents. To fulfill customers and fabricate a dedicated customer base, the flow research concentrate on distinguishes

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

the impacts of Customer Relationship Management (CRM) through computerized showcasing. The exploration reasoning of positivism is applied on the grounds that it is appropriate for assessing information assembled from respondents' veritable encounters and sentiments.

In such manner, the level of customer fulfillment and unwaveringness esteem are assessed by their impression of the administrations delivered by computerized promoting techniques, with an emphasis on CRM divisions inside organizations. The logical exploration approach, as indicated by Flick (2015), is begun on the grounds that it works with the correlation of the speculation set forth with the real discoveries got from information examination. The utilization of expressive exploration configuration is valuable in giving itemized information examination portrayal using outlines and diagrams. An arbitrary testing method is utilized to choose 100 respondents who are customers from the Delhi district of India.

#### 3.3. Hypothesis of The Study

**H0A:** Pricing techniques for sustaining an efficient CRM are negatively correlated with customer satisfaction and loyalty.

H1A: Pricing techniques for upholding efficient CRM are positively correlated with customer happiness and loyalty.

**H0B:** Customer happiness and loyalty have a negative correlation with the customer engagement method used to maintain a successful CRM.

**H1B:** Customer happiness and loyalty have a favourable correlation with the customer engagement method used to maintain an effective CRM.

**H0C:** Customer happiness and loyalty have a negative correlation with the quality assurance technique used to maintain a successful CRM.

**H1C:** Customer satisfaction and loyalty are positively correlated with the quality assurance method for sustaining an efficient CRM.

### 4. DATA ANALYSIS

#### 4.1. Demographic profile

The segment profile helps with understanding the respondents' personality, instructive foundation, and monetary circumstance. The socioeconomics of respondents from India's Delhi locale are shown in the table underneath.

Table 1: Analysing Demographics

Variable	Values	Percentage
Age	Below 20	20
	21-30	20
	31-40	30
	Above 40	30
Gender	Male	49
	Female	51
Marital Status	Married	45
	Unmarried	55
Ethnicity	Malay	50
	Latina	25
	Others	25
Education Level	High School	20
	Undergraduate	25
	Masters/MBA	35

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

	PhD/Doctorate	20
Hours Spend on Browsing Internet	Less than 1 hour	50
and Ordering Products from Online	1-2 hours	25
Platforms per day	2-3 hours	15
	More than 3 hours	10
Salary	Below 1,500	40
	1,501-2,000	30
	2,001-2,500	15
	2,501-3,000	8
	More than 3,000	7

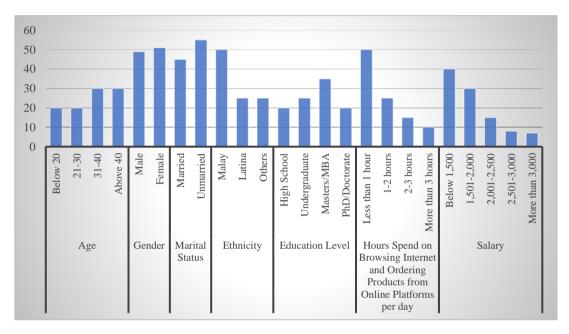


Figure 1: Graphical Representation of Analysing Demographics

# 4.2. Reliability test

A dependability test is done to distinguish and approve the inside consistency of the information that has been accumulated. The dependability test's Cronbach's Alpha boundary yields a number that shows this. An inner consistency of the variables thought about and the information assembled is demonstrated by a worth close 1.0. It likewise shows how firmly related the free and subordinate factors are to each other.

The primary free factor in this specific circumstance, evaluating system data show through computerized promoting, has a Cronbach's Alpha worth of 972. Subsequently, the data accumulated is dependable and has inside consistency. Moreover, it clarifies the way things are associated with the reliant factors — customer steadfastness and fulfillment. The second free factor, customer engagement approach, has a Cronbach's Alpha worth of 966, which is in the neighbourhood of 1.0. This proposes an association between customer bliss and dedication support and customer engagement techniques.

Table 2: Test of Reliability

Variables	Items	Cronbach's Alpha
Pricing Strategy	4	.972
Customer Engagement Policy	4	.966
Quality Assurance Strategy	4	.990
Customer Satisfaction and Loyalty	4	.979

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

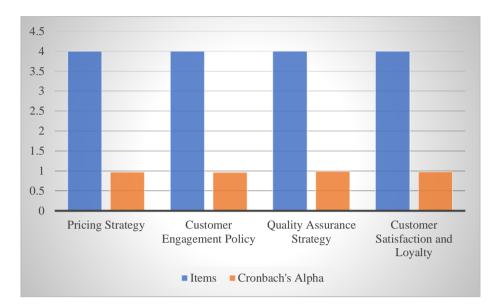


Figure 2: Graphical Representation of Test of Reliability

The Cronbach's Alpha coefficient for item quality confirmation, which is a critical part of CRM procedure execution through computerized promoting, is.990. This demonstrates that it well affects the improvement of client steadfastness and fulfillment. With a Cronbach's Alpha worth of.979, which is likewise close to 1.0, the free factors customer fulfillment and reliability program areas of strength for show with the other autonomous factors found in the exploration study.

#### 4.3. Pearson Correlation Analysis

#### Hypothesis 1

In understanding to Guildford's Guideline, a positive Pearson connection esteem r is under 0.05 (p< 0.05) and it implies that there is a huge in the middle of between free factor and ward factors. In this unique situation, estimating technique has a p-worth of .750 with that of customer fulfillment, .755 with that of customer steadfastness and .749 in achieving in straightforwardness item includes that increment fulfillment and faithfulness thus. Consequently, it shows that there is a positive relationship between customer fulfillment and reliability with that of the effect of CRM through computerized promoting systems. Customer dedication increments and advanced advertising empowers them to analyze value scopes of various items and to acquire information on market cost principles without being truly present in stores.

		Info_IV1	Satis_IV1	Comp_IV1	Cust_Sat_IV1
Info_IV1	Pearson Correlation	1	.909	.920	.750
	Sig. (2-tailed)		.000	.000	.000
	N	100	100	100	100
Satis_IV1	Pearson Correlation	909	1	.980	.844
	Sig. (2-tailed)	.000		.000	.000
	N	100	100	100	100
Comp_IV1	Pearson Correlation	.920	.980	1	.823
	Sig. (2-tailed)	.000	.000		.000
	N	100	100	100	100
Cust_Sat_IV1	Pearson Correlation	.750	.844	.823	1
	Sig. (2-tailed)	.000	.000	.000	
	N	100	100	100	100

Table 3: Test of Pearson Correlation

**4** Hypothesis 2

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

Guilford's Guideline expresses that there is a relationship between customer fulfillment and dedication and customer engagement rules. This is on the grounds that the factors' p-values comparative with the reliant elements are under 0.05. When matched with customer engagement strategies, customer fulfillment has a worth of.767; when matched with customer steadfastness esteem, it has a p-esteem of.759. The straightforwardness of the buying system and customer communication methodologies utilized through computerized showcasing techniques has a p-esteem of.767. It impacts customer fulfillment and is an impression of an association's CRM techniques.

Table 4: Test of Pearson Correlation

		Engage_IV2	CRMref_IV2	Proknow_IV2	Cust_sal_DV
Engage_IV2	Pearson Correlation	1	.882	.849	.767
	Sig. (2-tailed)		.000	.000	.000
	N	100	100	100	100
CRMref_IV2	Pearson Correlation	.883	1	.980	.844
	Sig. (2-tailed)	.000		.000	.000
	N	100	100	100	100
Proknow_IV2	Pearson Correlation	.849	.980	1	.870
	Sig. (2-tailed)	.000	.000		.000
	N	100	100	100	100
Cust_sal_DV	Pearson Correlation	.767	.844	.870	1
	Sig. (2-tailed)	.000	.000	.000	
	N	100	100	100	100

# **4** Hypothesis 3

As per the consequences of the Pearson Connection test, which was utilized to decide the meaning of computerized showcasing methodology as far as customer joy and item confirmation, the p-esteem is.908. That's what Guilford's Guideline expresses assuming the worth is under 0.05, there is a positive connection and reliance between the factors. The worth of customer dependability is.879 when joined with item steadfastness, which is reflected in computerized showcasing strategy.919 in advancing receptiveness on the products the organization sells.

**Table 5:** Test of Pearson Correlation

		ProQual_IV3	Feedback_IV3	IncrComp_IV3	Cust_Sal_DV
ProQual_I	Pearson Correlation	1	.975	.970	.908
V3	Sig. (2-tailed)		.000	.000	.000
	N	100	100	100	100
Feedback_I	Pearson Correlation	.975	1	.962	.900
V3	Sig. (2-tailed)	.000		.000	.000
	N	100	100	100	100
IncrComp_	Pearson Correlation	.970	.962	1	.942
IV3	Sig. (2-tailed)	.000	.000		.000
	N	100	100	100	100
Cust_Sal_D	Pearson Correlation	.908	.900	.942	1
V	Sig. (2-tailed)	.000	.000	.000	
	N	100	100	100	100

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

#### 5. DISCUSSION

In view of the information examination, it tends to be derived that the reliant variable (customer satisfaction and reliability) and the free factors (valuing methodology, customer engagement, and quality confirmation) have a significant relationship. A Pearson relationship test has been raced to assess the significance of the put-out speculation. It has been noticed that when the Pearson Connection esteem is under 0.05, it demonstrates a relationship between the free and subordinate factors. All in all, information about item costs and values that are underscored in advanced promoting through happy and highlights, customer engagement procedures that assemble criticism and surveys, and ensuring great administrations all add to customer fulfillment and customer steadfastness.

Since computerized advertising methods give data about item includes, evaluating systems performed through them keep up with item quality. Online stages permit customers to look at the elements and nature of different items. It helps purchasers in pursuing the best decision and gives them true serenity realizing they are getting an excellent item that merits the cash. This is a significant part of the CRM interaction, and the Cronbach's Alpha test is utilized to check the dependability of the information. The estimating technique data show utilizing computerized promoting is found to have a 0.972 trustworthiness score in view of the unwavering quality testing process. It seems, by all accounts, to be near 1.0. This makes sense of why there is an unmistakable connection between's the reliant variable of customer fulfillment and the free factor. It makes it extremely clear that there is an association between customer fulfillment and valuing procedure. The consequences of the Pearson Relationship concentrate on show that the p-values for customer fulfillment, customer dedication, and getting straightforwardness in regards to item attributes are.750,.755, and.749, separately. Subsequently, it is trusted that the cost methodology, when joined with computerized advertising strategies, is decidedly influencing the CRM. By differentiating the valuing points of different items, one can notice an ascent in customer bliss and reliability. This is the explanation it has an immediate bearing on client unwaveringness and delight.

Acquiring client joy and devotion additionally vigorously relies upon customer connection. With the utilization of the customer engagement process, the level of customer satisfaction not entirely set in stone. The constancy concentrate on shows that the buyer engagement procedure has a worth of 966. It not entirely set in stone to be near 1.0. This makes sense of why there is a reasonable connection seen between customer joy and steadfastness and the customer communication approach. Customer joy has a worth of 767 with customer engagement strategies and a p-esteem of 760 with customer reliability esteem, as per Pearson relationship examination. Customer satisfaction is being affected by an association's CRM strategies, as is obvious.

Acquiring the reliability of customers and deciding their degree of fulfillment both intensely rely upon quality affirmation. This will prompt both an expansion in the client base and the execution of further developed computerized promoting methods. .990 is the Cronbach Alpha incentive for item quality affirmation, as indicated by constancy examination. It shows how the customer joy and reliability program are growing decidedly. Customer joy and reliability are the reliant factors, and they are found to have a cozy relationship. The Pearson Relationship shows that the worth of value affirmation as for customer fulfillment is .908, that of customer happiness and reliability is .879, and that of item straightforwardness is 919. Quality confirmation is perceived as the significant component accordingly. Each of the recently referenced autonomous factors portray how significant customer satisfaction and reliability are. The reliant variable uncovers the connections between the factors. It is important to distinguish the advanced advertising strategies and strategies fittingly. Subsequently, this reliant variable and different factors viable are personally related.

#### 6. CONCLUSION

A strong inspiration for further developing customer steadfastness in CRM (customer relationship management) has been recognized as computerized change. The effect of advanced change on customer engagement and dependability, as well as strategies and devices connected with it, have all been analyzed in this examination report. The aftereffects of this study demonstrate the way that organizations can utilize innovation, information, and examination to make customized encounters, advance work processes, and produce nearer securities with their clients through computerized change. Associations might further develop purchaser engagement, develop unwaveringness, and move corporate accomplishment by taking on computerized strategies. Through multichannel engagement made conceivable by computerized change, organizations might speak with their clients by means of an assortment of touchpoints, for example,

ISSN: 1526-4726

https://doi.org/10.52783/jier.v3i2.482

Vol 3 Issue 2 (2023)

email, virtual entertainment, portable applications, and sites. More grounded relationships are cultivated and client fulfillment ascends because of openness and comfort. Besides, by using buyer information and investigation, advanced change makes personalisation and customer division simpler. Associations can redo their administrations and interchanges to clients by knowing their interesting preferences, propensities, and buying history. This assists customers with feeling that their image is important and significant.

#### REFERENCES

- 1. Aakanksha Singhal and D.K. Sharma, "Generalization of F-Divergence Measures for Probability Distributions with Associated Utilities", Solid State Technology, Vol.64(2), pp. 5525-5531, 2021.
- 2. Berman, S. J., & Marshall, A. (2020). Digital Transformation: The Essentials of E-Business Leadership. Routledge.
- 3. Dhabliya, M. D. (2019). Uses and Purposes of Various Portland Cement Chemical in Construction Industry. Forest Chemicals Review, 06–10.
- 4. Hasnin, E. (2018). A Mediating Role of Customer Value between Customer Engagement and Loyalty: An Applied Study in Commercial Banks in Egypt. International Journal Of Marketing Studies, 10(1), 136. doi: 10.5539/ijms. v10n1p136
- 5. Järvinen, J. and Karjaluoto, H., 2015. The use of Web analytics for digital marketing performance measurement. Industrial Marketing Management, 50(1), pp.117-127.
- 6. Ko, E., Phau, I., & Aiello, G. (2016). Luxury brand strategies and customer experiences: Contributions to theory and practice. Journal of Business Research, 69(12), 5749-5752.
- 7. Laudon, K. C., & Laudon, J. P. (2020). Management Information Systems: Managing the Digital Firm. Pearson.
- 8. Mr. Dharmesh Dhabliya, M. A. P. (2019). Threats, Solution and Benefits of Secure Shell. International Journal of Control and Automation, 12(6s), 30–35.
- 9. Navimipour, N. J., &Soltani, Z. (2016). The impact of cost, technology acceptance and employees' satisfaction on the effectiveness of the electronic customer relationship management systems. Computers in Human Behavior, 55(2), 1052-1066.
- 10. Rigby, D. K., Sutherland, J., & Takeuchi, H. (2016). Embracing agile: How to master the process that's transforming management. Harvard Business Review Press.
- 11. Sharma, A., & Gupta, R. K. (2019). Role of social media in customer relationship management. International Journal of Business Information Systems, 32(2), 236-249.
- 12. Verma, M. K., & Dhabliya, M. D. (2015). Design of Hand Motion Assist Robot for Rehabilitation Physiotherapy. International Journal of New Practices in Management and Engineering, 4(04), 07–11.
- 13. Wang, D., Wan, L., Zhang, D., & Zheng, X. (2019). The impact of big data analytics on firms' customer relationship management. Information Systems Frontiers, 21(2), 431-446.
- 14. Xu, F., Li, Y., Li, D., & Zhang, X. (2019). Customer relationship management capabilities and firm performance: The mediating role of customer value co-creation. Journal of Business Research, 101, 602-614.
- 15. Zhou, T. (2019). Impact of big data on customer relationship management: Evidence from hotels. Journal of Travel Research, 58(7), 1240-1255.