EUROPEAN JOURNAL OF LIFE SAFETY AND STABILITY (EJLSS)
ISSN 2660-9630
www.ejlss.indexedresearch.org Volume 16, 2022 ||

E-Commerce of Agricultural Product Selling Using Android App

P. Venkatesh
Assistant Professor, Department of Computer Science and Engineering, Adhiyamaan College of Engineering, Tamil Nadu, India

Prasath G, Omprasanth G, Parthipan S
UG Scholar, Department of Computer Science and Engineering, Adhiyamaan College of Engineering, Tamil Nadu, India

Abstract: *In our daily existence, we eat food, and our perseverance relies mainly upon food. A great deal of our food comes from farms and various means also. These farmers deal with their hard responsibilities regarding creating and serving many lives the country over, which pays for their sort of income. In any case, due to intermediates in the selling of their final products, the farmers can't make an increase and generally live poor. Through this endeavor, we will really need to communicate farmers directly to the client so that quick overseeing of things can be accomplished. This will achieve a basic reduction in the expenses of the things right now open in the market as well as the advantage will directly show up at the farmers' pocket. The purchaser can look for the item by its name. If the purchaser has any desire to purchase the item, he/she can add it. Likewise, the purchaser can choose the amount of an item. Likewise, the purchaser can transfer his prerequisites in regards to the items, and furthermore necessities of the item rundown will be shipped off the rancher with the assistance of GCM correspondence. We are encircled by innovation, yet many individuals are as yet uninformed about the advantages of this innovation or its utilization; with the assistance of this undertaking and the help for the consciousness of the ventures, numerous ranchers will actually want to involve it as well as will be shown how to utilize this application with its advantages.*

Keywords: *E-Commerce, Agricultural Product Selling, Android App, Technology, Farmers.*

Date of Submission: 8-03-2022 ***Date of Acceptance: 9-4-2022***

Introduction:

This is the universe of advancement where people use mobile phones for completing their ordinary tasks like shopping, covering bills, administering work, and essentially more [5-13]. This endeavor is to add its features into the presences of people so the food which they buy can be bought clearly from the residence so the advantage can reach directly to the farmers since the farmer will deal with the client directly so the expenses of the things introduced by the farmer to the client will similarly be sensible to client, which will help both the farmer and the client where the client with canning put away some money [14-26]. The farmer will procure sufficient extra advantage [27].

The major goal of this errand is to give an augmentation of correspondence between the farmers and clients the country over so they can get together and continue with work that is productive for the

two terminations [28-42]. It will be really difficult for most ranchers since they need information about this quick fostering world's new innovation and patterns [43-56]. The outcome of this venture will give productive advantages to both the client and the ranchers, giving information and covering various parts of the assets that they know nothing about to date [57-75].

Literature Review

Costa C et al., [1], RFID is viewed as a suitable replacement for standardized identifications with an expected improvement in the agro-business huge organizations and cold chains [76-91]. Up until this point, the data introduced is just in material/item data names and standardized tags for data approval by makers or providers of food items [92-115]. Standardized tags have some control over stock reset and checkout with extra dietary data, item codes, net weight, and termination dates. Scanner tag shortcomings information put away in data set data is restricted and lacking [116-127].

Atsushi O, Kentaro Y [2], Thus, the temperature sensor gives data about whether the assessed time on the item has surpassed the temperature edge or not. Temperature sensors are likewise viewed as a roundabout mark of the nature of food [128-141]. In RFID frameworks in the agro-business, temperature and stickiness sensors are not connected with following the presence of items item quality is shown outwardly founded on the information got [142-167]. The information got by applying RFID in a temperature sensor decided the time during one or the other consistent or postponed time dispersion. Furthermore, the board or leaders can figure out the aftereffects of information from the inventory network and have the obligation to decide item costs [168-171].

Abishek A.G, Bharathwaj M [3], The Vision of this paper is to guarantee fair costs for the cultivating local area by formulating new strategies and utilizing a web based advertising framework. An application that fills in as a stage for the development of agrarian items from the ranchers straightforwardly to the purchasers or retailers [172-181]. This versatile and web application gives an honor to ranchers and buyers or retailers to trade the necessary homestead items without the inclusion of a broker at the right productive cost. This makes all the accessible ranch items effectively open. Consequently it gives opportunity of valuing and opportunity of access. Through this, we can guarantee ranchers pursue selling choices most favorably. In low-pay nations or in reverse nations, the vast majority of the populace relies upon smallholder cultivating for their jobs and prosperity. So it is to such an extent that smallholders face critical difficulties, frequently because of absence of admittance to data about the business sectors and their costs because of absence of transportation or information about purchasers [182-185].

Justin J. Henrique, Beaudry E. Kock [4], Agricultural items are frequently blocked off, and furthermore they have the restricted data about this selling cost of products. Consequently selling the items at public business sectors, nearby business sectors are fizzled 100% of the time. Subsequently this paper tends to these difficulties through the Android-based Mobile Application [186-190]. Utilizing this methodology, one can straightforwardly. Speak with merchants, retailers, and buyers. Thus utilizing this one can increment productivity by giving adequate data on cost and request and furthermore empowers participation among the ranchers.

Existing System:

The existing system is based on an android application.The customers to buy a product from the farmers using the android app, but there is no optionto online payandconformation SMS to customers and farmers.Thesystemprovidesplatforms such as the android app and website app at the government level. With multiple options, farmers can sell their crop products at different layers of the marketing chain (market, merchant, or end-user). This platform will help farmers find out the nearest markets, their current stock details, and the demand for a particular product.This analysis will help determine which market will be more profit able for his crop/product.

Proposed System:

The proposed system of this project is to set up a framework for a unique food traceability system that enables the transfer of key product data through the entire product transformation chain, which uses automated identification technologies QR code. If we scan the QR code of the product id, then trace the information of temperature level, climate condition, growth rate& expiry date of the product. And also, if customers want to buy a product using online payment mode through the android application. The buyer can search for the product by its name. If the buyer wants to buy the product, he/she can add it. Also, the buyer can select the quantity of a product. Also, the buyer can upload his requirements regarding the products, and also requirements of the product list will be sent to the farmer with the help of GCM communication. In addition to this, GPS location sharing with the farmer for delivery purposes. Two payment modes are available for the customer first is online payment, and the second is cash on delivery of the product. And the notification will send to the customer (figure 1).

Architecture Design

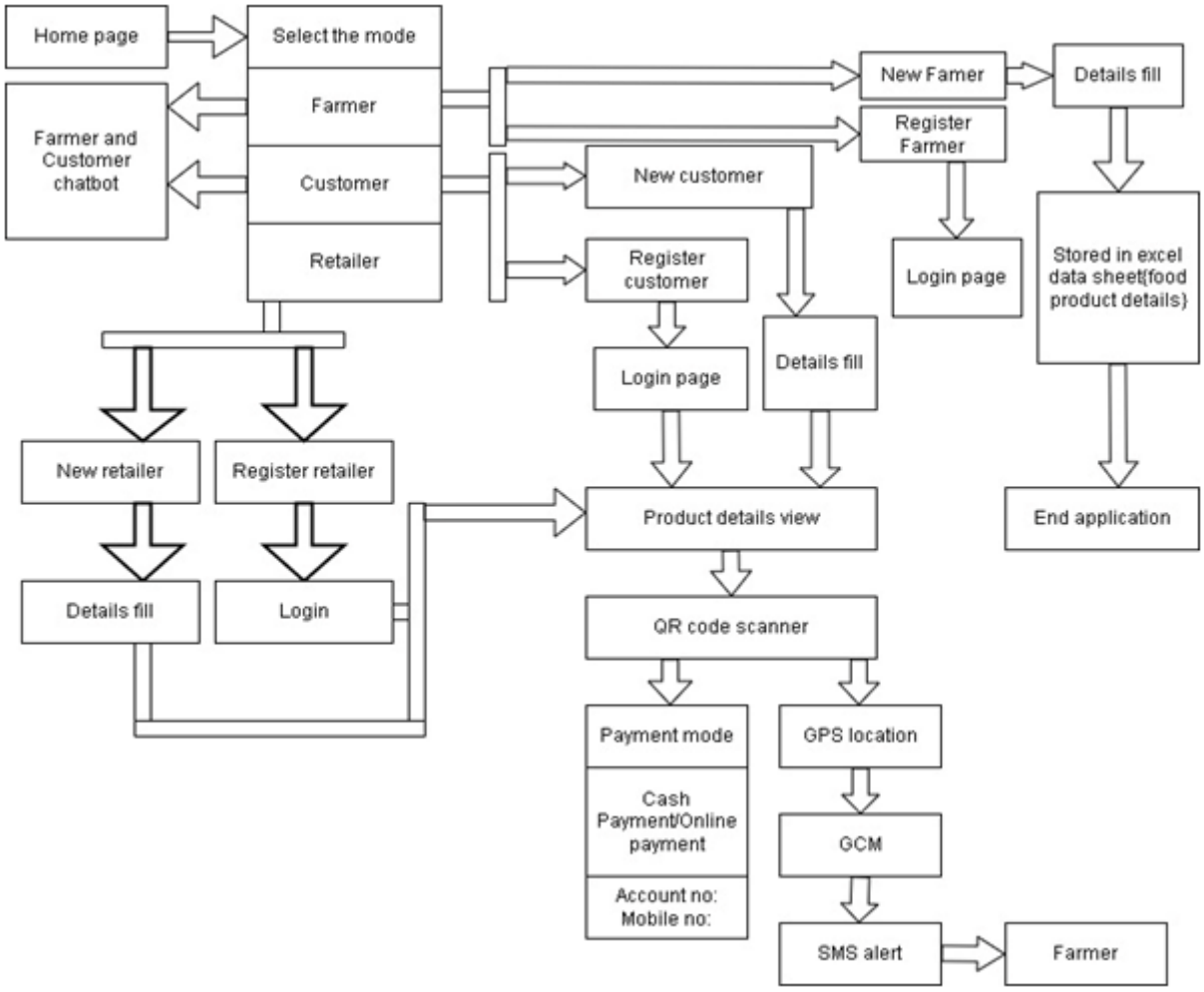

Figure 1: Architecture Design

Modules

User's module

This android application module has three modes: farmer, customer, and retailer; if this user is new, it means to fill in the basic details and access the E-market app; if this user is registered, it means to enter into the login page access the app (figures 2 to 10).

Database module

In this module, the product list can be uploaded to the database. Product information and quantity.

GCM communication module

This module is used for communicating with farmers and consumers. GPS live location sharing to the farmer for delivery purposes. In addition to this, farmers and customers easily communicate with the help of a chatbot.

Product scanning module

In this android application module, the food plant condition can be traced using a QR code and buying the agriculture product online.

Notification module.

In this module, the online notification will send to the consumer if they pay the amount in online mode.

Software Requirements

- Front end: XML frame
- Back end: JAVA
- Tools: Android Studio
- API: Google Cloud Messaging (GCM)
- Platform: Windows 10

Hardware Specification

- ✓ Processor: AMD
- ✓ RAM: 4 GB RAM
- ✓ Hard disk: 1TB
- ✓ Monitor: 15" color monitor

UML Diagram

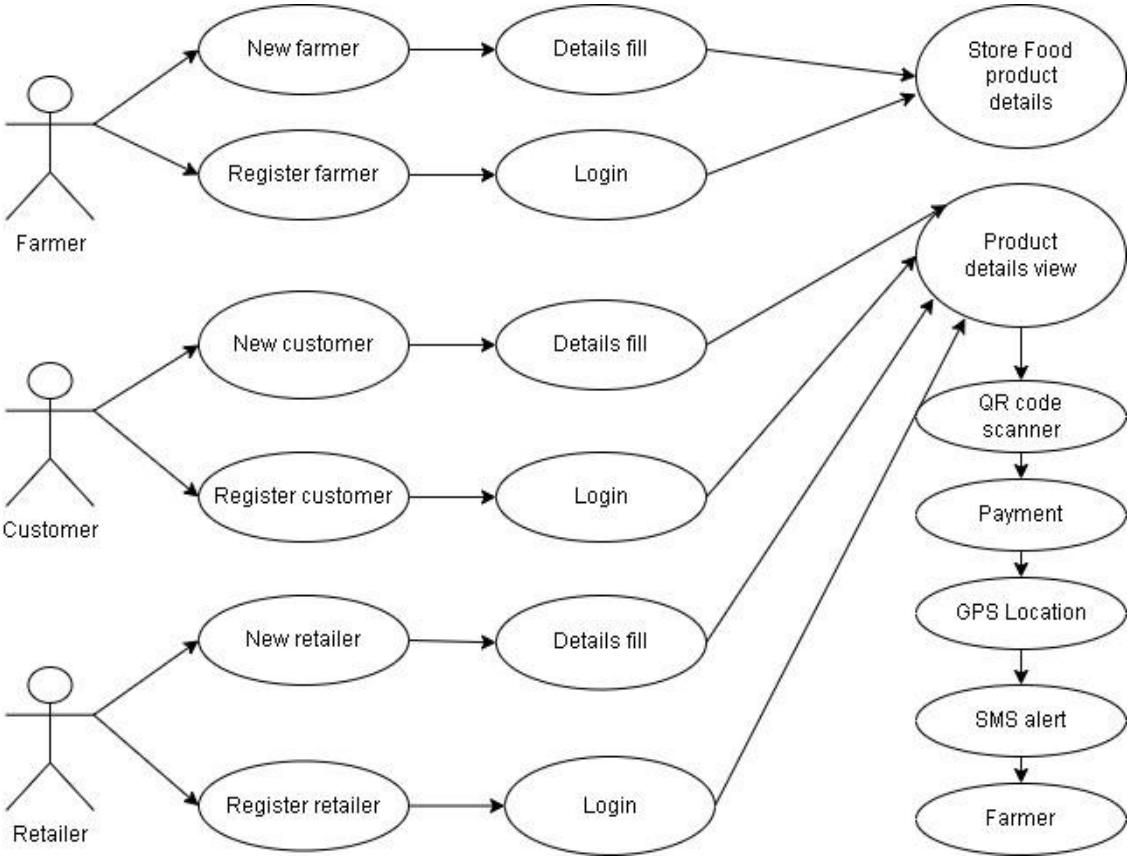

Figure 2: UML diagram

Screenshots

Figure 3: Home page

Figure 4: Mode Selection

Figure 5: Login Page

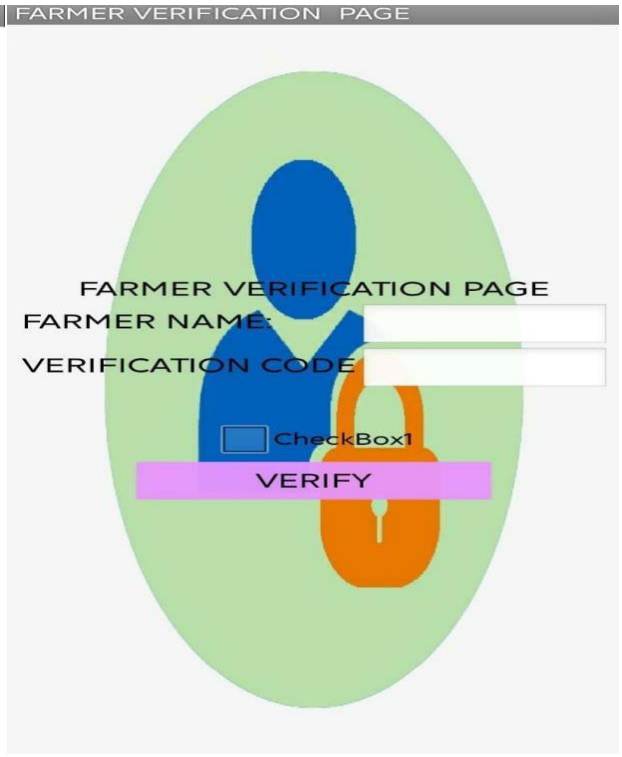

Figure 6: Verification Page

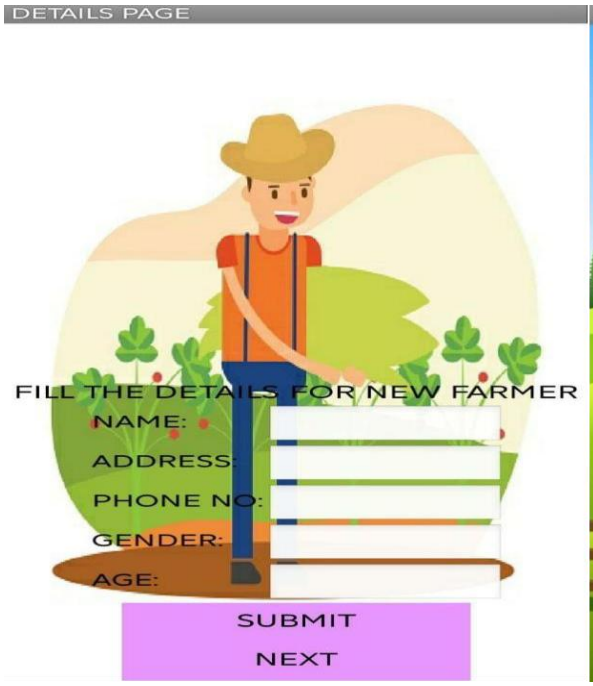

Figure 7: Details Page

Figure 8: Mode Selection

Figure 9: PaymentMode

Figure 10: ChatOption

Conclusion:

A lot of our food comes from ranches and different means as well. These ranchers go about their hard responsibilities for developing and serving many lives the nation over, which pays for their kind of revenue. In any case, because of intermediates in the selling of their eventual outcomes, the ranchers can't create a gain and for the most part live poor. Through this task, we will actually want to associate ranchers straightforwardly to the client so that immediate managing of items can be achieved. This will bring about a huge lessening in the costs of the items at present accessible in the market as well as the benefit will straightforwardly arrive at the ranchers' pocket. The buyer can search for the product by its name. If the buyer wants to buy the product, he/she can add it. Also, buyers can select the quantity of a product. Likewise, the purchaser can transfer his prerequisites in regards to the items, and furthermore necessities of the item rundown will be shipped off the rancher with the assistance of GCM correspondence with the assistance of this undertaking and the help for the consciousness of the ventures, numerous ranchers will actually want to involve it as well as will be shown how to utilize this application with its advantages.

References

1. Abishek A.G, Bharathwaj M, “Agriculture marketing using web and mobile based techniques,” Chennai, India. 2018.
2. Aniket Bhave, Rahul Joshi, “ Maha Form– An android based solution for Remunerative Agriculture,” Mumbai, India.[2017].
3. Gynappa A.Walikar, Ankita Suhas, Apurva Mahadev Powar” Agriculture Product checking Mobile Application for Farmers” Vol.7 Issue 2 2018.
4. Kiran Shinde, Jerrin Andrei, AmeyOke “Web-Based Recommendation System for Farmers “march, 2017.
5. Krishi Ville-Android-based solution for Indian agriculture. Authors-Manav Singhal Kshitij Verma, Anupam Shukla. ABV-Indian Inst. of Inf. Technol. & Manage., Gwalior, India. Advanced Networks and Telecommunication Systems, 2018. IEEE Fifth International Conference on Digital Object symbol.
6. MansiShinde, KimayaEkbote, SonaliGhorpade, SanketPawar, ShubhadaMone, “Crop Recommendation and Fertilizer Purchase System”2017.

7. Marcel Fafchamps and Bart Minten Impact of SMS-Based Agricultural Information on Indian Farmers in Oxford journals Vol. 26, No. 3, Pp. 383414, 2017.
8. Peter Namisiko and Moses Aballo Current Status of e-Agriculture and Global Trends: A Survey Conducted in TransNzoia County, Kenya in International Journal of Science and Research Volume 2 Issue 7, 2016.
9. Metwaly, A. F., Rashad, M. Z., Omara, F. A., & Megahed, A. A. (2014). Architecture of multicast centralized key management scheme using quantum key distribution and classical symmetric encryption. The European Physical Journal Special Topics, 223(8), 1711-1728
10. Farouk, A., Zakaria, M., Megahed, A., & Omara, F. A. (2015). A generalized architecture of quantum secure direct communication for N disjointed users with authentication. Scientific reports, 5(1), 1-17
11. Naseri, M., Raji, M. A., Hantehzadeh, M. R., Farouk, A., Boochani, A., & Solaymani, S. (2015). A scheme for secure quantum communication network with authentication using GHZ-like states and cluster states controlled teleportation. Quantum Information Processing, 14(11), 4279-4295
12. Wang, M. M., Wang, W., Chen, J. G., & Farouk, A. (2015). Secret sharing of a known arbitrary quantum state with noisy environment. Quantum Information Processing, 14(11), 4211-4224
13. Zhou, N. R., Liang, X. R., Zhou, Z. H., & Farouk, A. (2016). Relay selection scheme for amplify-and-forward cooperative communication system with artificial noise. Security and Communication Networks, 9(11), 1398-1404.
14. Zhou, N. R., Li, J. F., Yu, Z. B., Gong, L. H., & Farouk, A. (2017). New quantum dialogue protocol based on continuous-variable two-mode squeezed vacuum states. Quantum Information Processing, 16(1), 1-16
15. Abdolmaleky, M., Naseri, M., Batle, J., Farouk, A., & Gong, L. H. (2017). Red-Green-Blue multi-channel quantum representation of digital images. Optik, 128, 121-132
16. Naseri, M., Heidari, S., Baghfalaki, M., Gheibi, R., Batle, J., Farouk, A., & Habibi, A. (2017). A new secure quantum watermarking scheme. Optik, 139, 77-86
17. Heidari, S., Naseri, M., Gheibi, R., Baghfalaki, M., Pourarian, M. R., & Farouk, A. (2017). A new quantum watermarking based on quantum wavelet transforms. Communications in theoretical Physics, 67(6), 732
18. Nagata, K., Nakamura, T., & Farouk, A. (2017). Quantum cryptography based on the Deutsch-Jozsa algorithm. International Journal of Theoretical Physics, 56(9), 2887-2897
19. Nagata, K., Nakamura, T., Geurdes, H., Batle, J., Abdalla, S., & Farouk, A. (2018). Creating Very True Quantum Algorithms for Quantum Energy Based Computing. International Journal of Theoretical Physics, 57(4), 973-980.
20. Abulkasim, H., Farouk, A., Hamad, S., Mashatan, A., & Ghose, S. (2019). Secure dynamic multiparty quantum private comparison. Scientific reports, 9(1), 1-16.
21. Abulkasim, H., Alsuqaih, H. N., Hamdan, W. F., Hamad, S., Farouk, A., Mashatan, A., & Ghose, S. (2019). Improved dynamic multi-party quantum private comparison for next-generation mobile network. IEEE Access, 7, 17917-17926

22. Farouk, A., Alahmadi, A., Ghose, S., & Mashatan, A. (2020). Blockchain platform for industrial healthcare: Vision and future opportunities. Computer Communications, 154, 223-235.
23. Zhu, F., Zhang, C., Zheng, Z., & Farouk, A. (2021). Practical Network Coding Technologies and Softwarization in Wireless Networks. IEEE Internet of Things Journal, 8(7), 5211-5218.
24. J. Zywiolek, A. Sarkar, and M. S. Sial, "Biometrics as a method of employee control," in pp. 1–5, DOI: 10.1109/IMCOM53663.2022.9721809.
25. J. Żywiołek and Nedeliakowa Eva, Analysis of the information security system when ordering furniture online [in:] Sustainability of Forest-Based Industries in the Global Economy - Proceedings of Scientific Papers, 2020.
26. J. Żywiołek, J. Rosak-Szyrocka, and B. Jereb, "Barriers to Knowledge Sharing in the Field of Information Security," Management Systems in Production Engineering, vol. 29, no. 2, pp. 114–119, 2021.
27. J. Żywiołek, J. Rosak-Szyrocka, M. A. Khan, and A. Sharif, "Trust in Renewable Energy as Part of Energy-Saving Knowledge," Energies, vol. 15, no. 4, p. 1566, 2022.
28. J. Żywiołek, J. Rosak-Szyrocka, and M. Mrowiec, "Knowledge Management in Households about Energy Saving as Part of the Awareness of Sustainable Development," Energies, vol. 14, no. 24, p. 8207, 2021.
29. J. Żywiołek and F. Schiavone, "Perception of the Quality of Smart City Solutions as a Sense of Residents' Safety," Energies, vol. 14, no. 17, p. 5511, 2021.
30. Żywiołek, J., Schiavone, F., The value of data sets in information and knowledge management as a threat to information security [in:] Proceedings of the European Conference on Knowledge Management, ECKM, 2021.
31. Mohammed, A. Mohammed, and Aljanabi, "Signal to Noise Ratio of IR Seeker with a New Optical Fractal Modulator", In 3rd International Conference on Communication Engineering and Computer Science (CIC-COCOS'19). 2019, April.
32. S. Hameed, The "Effect Of Focus Error And Spherical Aberration On Sharp Edge Image Intensity". Tikrit Journal of Pure Science, vol. 22, no. 2, p. 104,108, 2018.
33. S. Hameed, and A. Mohammed, "Spectral Band Optical Analysis for Shape and Material of Terrestrial Imaging by Using Remote Sensing Technique", European Journal of Engineering and Technology Research, vol. 3, no. 5, p. 52, 54, 2018.
34. R. Ali, S. Hameed, and Q. Ali, "Evaluation of Ionizing Radiation Protection among Radiation Workers in X-ray departments in Erbil City". Journal of the Faculty of Medicine Baghdad, vol. 58, no.3, p. 208-212. 2016.
35. Mohammed, and S. Hameed, "Evaluate the Effective of Modulation Function on Spot Size For Multifunction modulator". Diyala Journal For Pure Science, vol. 7, no.4, 2011.
36. Das A. Adaptive UNet-based Lung Segmentation and Ensemble Learning with CNN-based Deep Features for Automated COVID-19 Diagnosis. Multimed Tools Appl. 2021 Dec 22:1-35. doi: 10.1007/s11042-021-11787-y.
37. Jaiswal. M, Das. A, Choudhury. B, Elizabeth. M, (2021), 'Analysing The Role Of Social Media As A Platform Of E- Commerce', Webology, vol. 18, no. 1, pp. 669-676.

38. Choudhury. B, Das. A, (2019), 'Incepting on Language Structures with Phonological and Corpus Analysis using Multilingual Computing', CCIS, vol 1192, pp. 39-52
39. A. Das and M. A. Akour, "Intelligent Recommendation System for E-Learning using Membership Optimized Fuzzy Logic Classifier," 2020 IEEE Pune Section International Conference (PuneCon), 2020, pp. 1-10, doi: 10.1109/PuneCon50868.2020.9362416.
40. Suklabaidya, Mridul and Das, Anupam and Das, Biswajit (2018), A Cryptography Model Using Hybrid Encryption and Decryption Techniques. International Journal of Computational Intelligence & IoT, Vol. 2, No. 4.
41. M. A. Akour and A. Das, "Developing a Virtual Smart Total Learning Environment for Future Teaching-Learning System," 2020 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE), 2020, pp. 576-579.
42. Das. A, Sarma S. K, Deka S, 2021, 'Data Security with DNA Cryptography' , Transactions on Engineering Technologies by Springer- Nature, https://www.springerprofessional.de/en/data-security-with-dna-cryptography/18518592
43. Das. A, Sarma. S. K, (2013), 'A Study On Energy Consumption In Wlan And Improving Its Efficiency Through An Nbe, Algorithm' ,International Journal of Computer Applications 73(2), DOI: 10.5120/12710-9515,
44. Das. A, Sarma. S. K. ,2014, ' Energy Efficiency In IEEE 802.11 Standard WLAN Through MWTTP', International Journal of Research in Engineering and Technology, vol. 2(12).
45. Das. A, 2017, 'Designing a Device for Measuring Nutrient Factor Values of Foods According to the Standard Factor Values of Fresh Food Items', International Journal of Electrical Electronics & Computer Science Engineering Vol.4(6) 2348-2273.
46. Nasser, N. S. The linguistic structure in the Iraqi civil laws. Qalaai Zanist Scientific Journal, 6(2), 578-598 (2021).
47. Nasir, N. S. The Effect of the Arabic Language on Legal Text Legislation. Journal of Al-Frahedis Arts, 12(42 II), 84-101 (2020).
48. Nasir, N. S. The connotations of the word "light" in the Holy Qur'an and the books of faces and analogies. Journal of the college of basic education, 21(92), 1-24 (2016).
49. Nada Sami Nasser, The meaning of the word and its development in the proverb. Qalaai Zanist Journal, 3(1), 822–845 (2018).
50. Samara Jasima, Vinnaras Nithyanantham, The Teacher's Role On Motivation In Phonetic Sounds Learning For The School Children, Turkish Online Journal of Qualitative Inquiry (TOJQI), Vol: 12(6), 1054-1060, 2021.
51. Suren Akram Hamanajm & Vinnaras Nithyanantham, A Study on Gender Discrimination among the University Students in Kurdistan, Psychology and Education, Vol. 57 No. 9 (2020): Volume 57 No. 9 (2020).
52. Vinnaras Nithyanantham and N. Rekha, Level of Interpersonal Relationship among the Women Student-Teachers in Iraq, International Journal of Psychosocial Rehabilitation, Vol:24(5), 2585-2591, 2020.
53. Salem, Mohamed, Awang Jusoh, N. Rumzi N. Idris, Himadry Shekhar Das, and Ibrahim Alhamrouni. "Resonant power converters with respect to passive storage (LC) elements and control techniques–An overview." Renewable and Sustainable Energy Reviews 91 (2018): 504-520.

54. Bughneda, A., M. Salem, M. Alhuyi Nazari, D. Ishak, M. Kamarol, and S. Alatai. "Resonant Power Converters for Renewable Energy Applications: A Comprehensive Review. Front." Energy Res 10 (2022): 846067.

55. Salem, Mohamed, Awang Jusoh, Mohamed Dahidah, Dahaman Ishak, Anna Richelli, Ibrahim Alhamroni, and Mohamad Kamarol. "Improved topology of three-phase series resonant DC-DC boost converter with variable frequency control." Alexandria Engineering Journal 61, no. 2 (2022): 1701-1713.

56. Muftah, Magdi G., Mohamed Salem, Khlid Ben Hamad, and Mohamad Kamarol. "Open-loop control of a grid-tied multilevel inverter interfacing a fuel cell stack." In 2021 IEEE International Conference on Environment and Electrical Engineering and 2021 IEEE Industrial and Commercial Power Systems Europe (EEEIC/I&CPS Europe), pp. 1-6. IEEE, 2021.

57. Alatai, Salah, Mohamed Salem, Dahaman Ishak, Ali Bughneda, Mohamad Kamarol, and Doudou N. Luta. "Cascaded Multi-Level Inverter for Battery Charging-Discharging using Buck-Boost Switch." In 2021 IEEE Industrial Electronics and Applications Conference (IEACon), pp. 108-112. IEEE, 2021.

58. Bughneda, Ali, Mohamed Salem, Dahaman Ishak, Salah Alatai, Mohamad Kamarol, and Khlid Ben Hamad. "Modified Five-level Inverter for PV Energy system with Reduced Switch Count." In 2021 IEEE Industrial Electronics and Applications Conference (IEACon), pp. 103-107. IEEE, 2021.

59. Alatai, Salah, Mohamed Salem, Dahaman Ishak, Himadry Shekhar Das, Mohammad Alhuyi Nazari, Ali Bughneda, and Mohamad Kamarol. "A Review on State-of-the-Art Power Converters: Bidirectional, Resonant, Multilevel Converters and Their Derivatives." Applied Sciences 11, no. 21 (2021): 10172.

60. Alatai, Salah, Mohamed Salem, Dahaman Ishak, Ali Bughneda, Mohamad Kamarol, and Doudou N. Luta. "Phase-Shifted LLC Resonant DC-DC Converter for Battery Charging Application." In 2021 IEEE Conference on Energy Conversion (CENCON), pp. 1-5. IEEE, 2021.

61. Bughneda, Ali, Mohamed Salem, Dahaman Ishak, Salah Alatai, Mohamad Kamarol, and Khlid Ben Hamad. "A Single-Phase Multilevel Inverter with Reduced Switch Count for Solar PV Application." In 2021 IEEE Conference on Energy Conversion (CENCON), pp. 1-6. IEEE, 2021.

62. Salem, Mohamed, Vigna K. Ramachandaramurthy, Awang Jusoh, Sanjeevikumar Padmanaban, Mohamad Kamarol, Jiashen Teh, and Dahaman Ishak. "Three-phase series resonant DC-DC boost converter with double LLC resonant tanks and variable frequency control." IEEE Access 8 (2020): 22386-22399.

63. Salem, Mohamed, Vigna K. Ramachandaramurthy, P. Sanjeevikumar, Zbigniew Leonowicz, and Venkata Yaramasu. "Full bridge LLC resonant three-phase interleaved multi converter for HV applications." In 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC/I&CPS Europe), pp. 1-6. IEEE, 2019.

64. Salem, Mohamed, Awang Jusoh, N. Rumzi N. Idris, and Ibrahim Alhamrouni. "Comparison of LCL resonant converter with fixed frequency, and variable frequency controllers." In 2017 IEEE Conference on Energy Conversion (CENCON), pp. 84-89. IEEE, 2017.

65. Salem, Mohamed, Awang Jusoh, N. Rumzi N. Idris, Chee Wei Tan, and Ibrahim Alhamrouni. "Phase-shifted series resonant DC-DC converter for wide load variations using variable

frequency control." In 2017 IEEE Conference on Energy Conversion (CENCON), pp. 329-333. IEEE, 2017.

66. Rad, D., Rad, G., Maier, R., Demeter, E., Dicu, A., Popa, M., Alexuta, D., Floroian, Dan., & Mărineanu, V. D. (2022). A Fuzzy Logic Modelling Approach on Psychological Data. Journal of Intelligent & Fuzzy Systems, vol. Pre-press, no. Pre-press, 1-11, 2022.
67. Rad, D., Egerau, A., Roman, A., Dughi, T., Balas, E., Maier, R., Ignat, S., & Rad, G. (2022). A Preliminary Investigation of the Technology Acceptance Model (TAM) in Early Childhood Education and Care. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 13(1), 518-533.
68. Rad, D., & Rad, G. (2021). Going Agile, a Post-Pandemic Universal Work Paradigm-A Theoretical Narrative Review. Postmodern Openings, 12(4), 337-388.
69. Demeter, E., Rad, D., & Balas, E. (2021). Schadenfreude and General Anti-Social Behaviours: The Role of Violent Content Preferences and Life Satisfaction. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 12(2), 98-111.
70. Rad, D., & Balas, V. E. (2020). A Novel Fuzzy Scoring Approach of Behavioural Interviews in Personnel Selection. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 11(2), 178-188.
71. Rad, D., & Demeter, E. (2020). A Moderated Mediation Effect of Online Time Spent on Internet Content Awareness, Perceived Online Hate Speech and Helping Attitudes Disposal of Bystanders. Postmodern Openings, 11(2 Supl 1), 107-124.
72. Rad, D., Balas, E., Ignat, S., Rad, G., & Dixon, D. (2020). A Predictive Model of Youth Bystanders' Helping Attitudes. Romanian Journal for Multidimensional Education/Revista Romaneasca pentru Educatie Multidimensionala, 12.
73. Rad, D., Dixon, D., & Rad, G. (2020). Digital outing confidence as a mediator in the digital behaviour regulation and internet content awareness relationship. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 11 (1), 84-95.
74. Rad, D., Balas, V., Lile, R., Demeter, E., Dughi, T., & Rad, G. (2020). Statistical Properties of a New Social Media Context Awareness Scale (SMCA)—A Preliminary Investigation. Sustainability, 12(12), 5201.
75. Demeter, E., & Rad, D. (2020). Global life satisfaction and general antisocial behavior in young individuals: the mediating role of perceived loneliness in regard to social sustainability—a preliminary investigation. Sustainability, 12(10), 4081.
76. N. Gupta, "An Introduction to Case Writing & Teaching," in Investigating Business Situations-Insights from Internship Based Case Studies, Excel India Publisher, 2018.
77. N. Gupta, "United Colors of Benetton- Women is King," in Investigating Business Situations-Insights from Internship Based Case Studies, Excel India Publisher, 2018.
78. N. Gupta, "Study of Millennial Banking Behaviour towards Mobile Banking Apps," in Magic for Millennials Rise of Gen YO!, Bloomsbury Publishing, 2018.
79. N. Gupta, "An Empirical Study of Mobile Based Marketing Practices in Selected Banks," in Management in the New Millennium, Bloomsbury Publications, 2017.
80. Jalil, N.A., P Prapinit, M Melan, AB Mustaffa (2019). Adoption of Business Intelligence-Technological, Individual and Supply Chain Efficiency. Proceedings of the 2019 International

Conference on Machine Learning, Big Data and Business Intelligence. Year: 2019, Volume: 1, Pages: 67-73.

81. Jalil, N.A., Hwang, H.J. (2019). Technological-centric business intelligence: Critical success factors. International Journal of Innovation, Creativity and Change, Volume 5, Issue 2, August, 2019, Pages 1499 to 1516.
82. Nasir Abdul Jalil and Koay Kian Yeik. 2019. Systems, Design and Technologies Anxieties Towards Use of Self-service Checkout. In Proceedings of the 2019 3rd International Conference on Education and E-Learning (ICEEL 2019). Association for Computing Machinery, New York, NY, USA, 122–127.
83. B. Singh, N. A. Jalil, D. K. Sharma, S. R, K. Kumar and D. Jebakumar immanuel, "Computational systems overview and Random Process with Theoretical analysis," 2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS), 2021, pp. 1999-2005.
84. Roy Setiawan, Luigi Pio Leonardo Cavaliere, KartikeyKoti, Gabriel Ayodeji Ogunmola, N. A. Jalil, M. Kalyan Chakravarthi, S. Suman Rajest, R. Regin, Sonia Singh, "The Artificial Intelligence and Inventory Effect on Banking Industrial Performance"Turkish Online Journal of Qualitative Inquiry. Volume 12, Issue 6, July, 2021: 8100-8125.
85. Roespinoedji, D., Juniati, S., Hasan, H., Jalil, N.A., Shamsudin, M.F., 2019. Experimenting the long-haul association between components of consuming renewable energy: ARDL method with special reference to Malaysia. Int. J. Energy Econ. Policy 9, 453–460.
86. D. K. Sharma, N. A. Jalil, V. K. Nassa, S. R. Vadyala, L. S. Senthamil and T. N, "Deep learning Applications to classify Cross-Topic Natural Language Texts Based on Their Argumentative Form," 2021 2nd International Conference on Smart Electronics and Communication (ICOSEC), 2021, pp. 1580-1586.
87. D. K. Sharma, N. A. Jalil, R. Regin, S. S. Rajest, R. K. Tummala and T. N, "Predicting Network Congestion with Machine Learning," 2021 2nd International Conference on Smart Electronics and Communication (ICOSEC), 2021, pp. 1574-1579.
88. Nasir Abdul Jalil and Mikkay Wong Ei Leen. 2021. Learning Analytics in Higher Education: The Student Expectations of Learning Analytics. In 2021 5th International Conference on Education and E-Learning (ICEEL 2021). Association for Computing Machinery, New York, NY, USA, 249–254.
89. 29. Buragadda, S., Rani, K.S., Vasantha, S.V., Chakravarthi, M.K.,"HCUGAN: Hybrid Cyclic UNET GAN for Generating Augmented Synthetic Images of Chest X-Ray Images for Multi Classification of Lung Diseases", International Journal of Engineering Trends and Technology 70(2), pp. 229-238, 2022.
90. M.Kalyan Chakravarthi, Nithya Venkatesan,"Experimental Transfer Function Based Multi-Loop Adaptive Shinskey PI Control For High Dimensional MIMO Systems", Journal of Engineering Science and Technology, 16(5), pp.4006-4015, 2021.
91. M.Kalyan Chakravarthi, Nithya Venkatesan, "Adaptive type-2 fuzzy controller for nonlinear delay dominant MIMO systems: an experimental paradigm in LabVIEW", International Journal of Advanced Intelligence Paradigms, 10(4), pp.354 – 373, 2018.
92. A, Vishwanathraddi, Chakravarthi M., Kalyan ,"Arduino-based wireless mobot", Asian Journal of Pharmaceutical and Clinical Research, 10(13), pp.61–65, 2017.

93. M.Kalyan Chakravarthi, Nithya Venkatesan, "Implementation of a Multi user Secured Remote Data Logger for Real Time Hybrid System", Indian Journal of Science and Technology, 9(35), 2016.

94. Jolly, Anu Rose, Chakravarthi, M Kalyan, Jindal, Naveen Kumar, Birla sekaran, Dinesh," Transparent Proxy Cache server using Raspberry Pi", Indian Journal of Science and Technology, 9(44), 2016.

95. M.Kalyan Chakravarthi, Nithya Venkatesan, 2015," Design and Implementation of LabVIEW Based Optimally Tuned PI Controller for A Real Time Non Linear Process", Asian Journal of Scientific Research, Vol.8, Number 1, pp.95-106.

96. Lohith Ujjaniya, M.Kalyan Chakravarthi, "Raspberry - Pi based cost effective vehicle collision avoidance system using image processing", ARPN Journal of Engineering and Applied Sciences, 10(7), April 2015.pp.3001-3005.

97. Uday Kiran Ruttala, M. S. Balamurugan and M. Kalyan Chakravarthi," NFC based Smart Campus Payment System", Indian Journal of Science and Technology , Vol 8(19), pp.1-5, 2015.

98. M.Kalyan Chakravarthi, Pannem.K.Vinay, Nithya Venkatesan, "Design and Simulation of Internal Model Controller for a Real Time Nonlinear Process", Indian Journal Of science and Technology, 2015, 8(19): pp.1-6.

99. M.Kalyan Chakravarthi, Nithya Venkatesan, "Experimental Validation of a Multi Model PI Controller for a Non Linear Hybrid System in LabVIEW", Telkomnika, 13(2):pp.547-555.

100. M. Kalyan Chakravarthi and Nithya Venkatesan, 2015. "Design and Implementation of Adaptive Model Based Gain Scheduled Controller for a Real Time Non Linear System in LabVIEW". Research Journal of Applied Sciences, Engineering and Technology, 10(2): 188-196.

101. Vijay Kumar Patale, M.Kalyan Chakravarthi, 2014, "RF Harvesting Circuitry for Ambient Backscatter Technology ", International Journal of Applied Engineering Research, ISSN:0973-4562,Volume 9, Number 19, pp. 5769-5778.

102. Lohit Ujjainiya, M.Kalyan Chakravarthi and Ankit Soni. "Development and Implementation of Gesture Controlled Automatic Audio System", International Journal of Computer Applications, 106(13), pp.25-28, 2014.

103. M.Kalyan Chakravarthi, Nithya Venkatesan "LabVIEW Based Tuning Of PI Controllers For A Real Time Non Linear Process", Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, Volume 68, Number 3,October 2014, pp579-585.

104. M. Kalyan Chakravarthi. "LabVIEW: An Interactive Teaching Tool for Few Concepts of Vedic Mathematics ", Vol. 3 - Issue 9 (September - 2014), International Journal of Engineering Research & Technology, ISSN: 2278-0181,2014, pp.1063-1066.

105. M.Kalyan Chakravarthi, Pannem.K.Vinay, Nithya Venkatesan. " Real Time Implementation of Gain Scheduled Controller Design for Higher Order Nonlinear System Using LabVIEW" ,International Journal of Engineering and Technology, ISSN: 0975–4024, Volume 6 No 5 Oct-Nov 2014.pp2031-2038.

106. Deepanshu Soni , Mohit Gagrani ,Ashwin Rathore ,M. Kalyan Chakravarthi," Study of Different Controller's Performance for a Real Time Non-Linear System" International Journal of Advancements in Electronics and Electrical Engineering, ISSN 2319-7498, Volume 3 : Issue 3,September,2014.pp.10-14.

107. M.Kalyan Chakravarthi, Pannem.K.Vinay. " LabVIEW based Comparison of various Edge Detection Techniques for Bug Classification", International Journal of Applied Engineering Research, ISSN:0973-4562,Volume 9, Number 19 (2014), pp. 6381-6390.

108. H. Lumapenet and N. Andoy, "Influence of the Family on the Pupils' Reading Performance", 7th CEBU International Conference on Civil, Agricultural, Biological and Environmental Sciences (CABES-17) Sept. 21-22, 2017 Cebu (Philippines), page 15-19, 2017.

109. Ramachandran. K. K., A.ApsaraSaleth Mary., ShibaniHawladar., D.Asokk., BandiBhaskar., J.R.Pitroda., (2021). "Machine learning and role of artificial intelligence in optimizing work performance and employee behaviour". Materials Today: Proceedings.

110. Ramachandran. K. K., Kavitha. P. T., Tharangini. A., Tamil Maran S., (2021). "An Empirical Study of Relationship between Job Satisfactions on Organizational Commitment in Banking Sector Employees in Coimbatore". Webology, Volume 18, No. 3, 2021, pp: 151 – 168

111. Ramachandran. K. K., (2021). "Neuro Marketing- Exploring the Brain of the Consumer: A Review". Review of International Geographical Education Online. Volume 11, Issue 7, pp: 1034-1049

112. Nimmi. C. R., Ramachandran. K. K., (2021). "The Impact of Microfinance on Women Empowerment in Palakkad District of Kerala". Turkish Online Journal of Qualitative Inquiry (TOJQI). Volume 12, Issue 3, pp: 4266-4274

113. Ramachandran. K. K., (2021). "A Study on Service Quality Dimensions of Domestic Airline Industry in India". Turkish Journal of Computer and Mathematics Education. Vol.12 No. 7. pp: 1412- 1419. DOI of Article-10.17762/turcomat.v12i7.2935

114. Jose Jacob., Ramachandran. K. K., (2021). "ERP SYSTEM, AN OVER VIEW". International Journal of Multidisciplinary Educational Research. Volume: 10, Issue: 3(5), pp: 146-149

115. Abu Sarwar Zamani, Mohammad Jawed Miandad and Shakir Khan, "Data Center – Based, Service Oriented Architecture (SOA) in Cloud Computing", International Journal of Computing Science and Information Technology, Vol. 1, No. 1, pp. 33-37, 2013.

116. Shakir Khan and Mohamed F. AlAjmi, "Impact of Medical Technology on Expansion in Healthcare Expenses", International Journal of Advanced Computer Science and Applications, Vol. 4, No. 4, pp. 150-152, 2013. https://dx.doi.org/10.14569/IJACSA.2013.040424

117. Shakir Khan, Mohammed AlAjmi and Arun Sharma, "Safety Measures Investigation in Moodle LMS. International Journal of Computer Applications (IJCA), Vol. ICNICT, Special Issue No. 4, pp. 41-44, 2012.

118. Mohammed AlAjmi, Shakir Khan and Abu Sarvar Zamani, "Using Instructive Data Mining Methods to Revise the Impact of Virtual Classroom in E-Learning", International Journal of Advanced Science and Technology, Vol. 45, No. 9, pp. 125-134, 2012.

119. Shakir Khan and Arun Sharma, "Detailed Literature Survey Applying Data Mining Techniques in E-Learning. International Journal of Engineering & Science Research", Vol. 2, No. 4, pp. 176-203, 2012. http://ijesr.org/admin/upload_journal/journal_shki%205aprl.pdf

120. T. Kumar, "Assessing language need and proficiency of English graduates of Prince Sattam Bin Abdulaziz University for designing pre-placement training and workshops," Asian ESP Journal, vol. 16, no. 4, pp. 153-168, 2020.

121. T. Kumar, "Impact of motivation and group cohesion in EFL classrooms at Prince Sattam Bin Abdulaziz University, KSA," Asian EFL Journal, vol. 27, no. 4.4, pp. 116-131, 2020.

122. T. Kumar, "Representation of Victorian society in the poetry of Mary Howitt," Utopia y Praxis Latinoamericana, vol. 25, no. 12, pp. 215-221, 2020.

123. T. Kumar, "Approaches in teaching writing skills with Creative Writing: A TESOL Study for Indian learners," TESOL International Journal, vol. 15, no. 5, pp. 78-98, 2020.

124. T. Kumar, "A linguistic analysis of Robert Browning's 'The Grammarian's Funeral': Exploring the language of literature through the formulaic style," Asian EFL Journal, vol. 28, no. 1.3, pp. 225-240, 2021.

125. T. Kumar, "Desire to learn, learn to shine': Idolizing motivation in enhancing speaking skill among L2 learners," Cypriot Journal of Educational Science, vol. 16, no. 1, pp. 411-422, 2021.

126. Ramachandran. K. K., (2021). "Preference of Social Media Vehicles for Branding Activities". Psychology and Education Journal, Vol. 58, No. 2, Page No. 2780-2784.

127. C. Kalipa and H. Lumapenet, "Customary Practices and Authorities in Conflict Resolution towards Peace Building of the Sultans, Rajahs, and Datus of Buayan Sultanates in Southern Philippines", International Journal of All Research Education and Scientific Methods (IJARESM), Volume 9, Issue 12, page 155-169, 2021.

128. T. Guiamalon and P. Hariraya, "The K-12 Senior High School Program: The Case of Laboratory High School, Cotabato City State Polytechnic College, South Central Mindanao, Philippines", International Journal of Advances in Social Sciences, Volume 7, Issue 19, page 391-399, 2021.T

129. C. Virmani, A. Pillai, and D. Juneja. "Study and analysis of Social network Aggregator.", International Conference on Reliability Optimization and Information Technology, pp. 145-148. IEEE, 2014.

130. C. Virmani, A. Pillai, and D. Juneja., "Clustering in aggregated user profiles across multiple social networks." International Journal of Electrical and Computer Engineering, vol 7. No 6, pp, 3692-3699, 2017.

131. C. Virmani, A. Pillai, and D. Juneja., "Extracting information from social network using nlp." International Journal of Computational Intelligence Research , vol. 13, No.4, pp: 621-630, 2017.

132. T. Choudhary, C. Virmani, and D. Juneja. "Convergence of Blockchain and IoT: An Edge Over Technologies." Toward Social Internet of Things (SIoT): Enabling Technologies, Architectures and Applications. Springer, Cham, pp: 299-316, 2020.

133. C. Virmani, D. Juneja , and A. Pillai, "Design of query processing system to retrieve information from social network using NLP.", KSII Transactions on Internet and Information Systems (TIIS), vol. 12, No.3, pp: 1168-1188, 2018.

134. C. Virmani, and A. Pillai. "Internet of Things and Cyber Physical Systems: An Insight." Recent Advances in Intelligent Systems and Smart Applications. Springer, Cham, pp: 379-401, 2021.

135. T. Guiamalon, S.A.Alon, and S. Camsa, "Teachers Issues and Concerns on the Use of Modular Learning Modality", IJASOS- International E-Journal of Advances in Social Sciences, Vol. VII, Issue 20, page 457-469, 2021.

136. Bais, Nikita, Shubha, R, Yamuna, V, Chakravarthi, M Kalyan, "Smart Mobile Diagnostic Laboratory and Doctor Annunciation System in Ambulances", Intelligent Embedded Systems, pp.155-162, 2018.

137. Geno Peter, Anli Sherine, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, Histogram Shifting based Quick Response Steganography method for Secure Communication" Wireless Communications and Mobile Computing. vol. 2022, 10 pages, 2022.

138. Geno Peter, Anli Sherine, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, Design of Automated Deep Learning-based Fusion Model for Copy-Move Image Forgery Detection" Computational Intelligence and Neuroscience. vol. 2022, 9 pages, 2022.

139. Hariprasath Manoharan, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, K Venkatachalam, Acclimatization Of Nano Robots In Medical Applications Using Artificial Intelligence System With Data Transfer Approach" Wireless Communications And Mobile Computing. vol. 2022, 9 pages, 2022.

140. Ashok Kumar L, Ramya Kuppusamy, Yuvaraja Teekaraman, Indragandhi V, Arun Radhakrishnan, Design and Implementation of Automatic Water Spraying System for Solar Photovoltaic Module" Mathematical Problems In Engineering. vol. 2022, 9 pages, 2022.

141. K Veena, K Meena, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, Cybercrime Detection using C SVM and KNN Techniques" Wireless Communications and Mobile Computing. vol. 2022, 8 pages, 2022.

142. Yuvaraja Teekaraman, KA Ramesh Kumar, Ramya Kuppusamy, Amruth Ramesh Thelkar, SSNN Based Energy Management Strategy in Grid-Connected System for Load Scheduling and Load Sharing" Mathematical Problems In Engineering. vol. 2022, Article ID 2447299, 9 pages, 2022.

143. M. Bharathidasan, V. Indragandhi, Ramya Kuppusamy, Yuvaraja Teekaraman, Shabana Urooj4,*, Norah Alwadi, 'Intelligent Fuzzy Based High Gain Non-Isolated Converter for DC Micro-Grids" CMC-Computers, Materials & Continua. Vol 71, No.2, 2022.

144. Hariprasath Manoharan, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, A Novel Optimal Robotized Parking System Using Advanced Wireless Sensor Network" Journal of Sensors. Volume 2021, Page 1-8, 2021.

145. Kamaleshwar T, Lakshminarayanan R, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, A Self-Adaptive framework for Rectification and Detection of Blackhole and Wormhole attacks in 6LoWPAN" Wireless Communications And Mobile Computing. Vol. 2021, 2021. Page 1-8.

146. Pavan Babu Bandla, Indragandhi Vairavasundaram, Yuvaraja Teekaraman, Srete Nikolovski, "Real Time Sustainable Power Quality Analysis of Non-Linear Load under Symmetrical Conditions" Energies 2022, 15(01).

147. Hariprasath Manoharan, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, A Prognostic Three-Axis Coordination Model for Supply Chain Regulation Using Machine Learning Algorithm" Scientific Programming. Volume 2021, 2021. Page 1-9.

148. Hariprasath Manoharan, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, An Intellectual Energy Device for Household Appliances Using Artificial Neural Network" Mathematical Problems In Engineering. Volume 2021, 2021. Page 1-9.

149. Nagarajan Manikandan, Rajappa Muthaiah, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, A Novel Random Error Approximate Adder-Based Lightweight Image Encryption Scheme for Secure Remote Monitoring of Reliable Data" Security and Communication Networks. Vol 2021, 2021. Page 1-14.

150. Senthilselvan Natarajan, Subramaniyaswamy Vairavasundaram, Yuvaraja Teekaraman, Ramya Kuppusamy, Arun Radhakrishnan, Schema-Based Mapping Approach for Data Transformation toEnrich Semantic Web" Wireless Communications and Mobile Computing. Vol 2021, 2021. Page 1-15.

151. Yuvaraja Teekaraman, Hariprasath Manoharan, Ramya Kuppusamy, Fadwa Alrowais, Shabana Urooj, Energy Efficient Multi-Hop Routing Protocol for Smart Vehicle Monitoring Using Intelligent Sensor Networks" International Journal Of Distributed Sensor Networks. Vol 17, Issue 12. 2021. Page 1-11.

152. Yuvaraja Teekaraman, Ramya Kuppusamy, V. Indragandhi, 'Modeling and Analysis of PV System with Fuzzy Logic MPPT Technique for a DC Microgrid under Variable Atmospheric Conditions" Electronics. (20) 2541, 2021.

153. Yuvaraja Teekaraman, Ramya Kuppusamy, V. Indragandhi, 'Investigations on the effect of micro-grid using improved NFIS-PID with hybrid algorithms" Computing. Springer 2021. DOI: 10.1007/s00607-021-01006-9.

154. Yuvaraja Teekaraman, Jasmin Pamela, V. Indragandhi, R. Saranya, Shabana Urooj, V. Subramaniyaswamy, Norah Alwadi ''2D Finite Element Analysis of Asynchronous Machine Influenced under Power Quality Perturbations" CMC-Computers, Materials & Continua. Volume 70. Number 03, pp. 5745-5763, 2021.

155. Ratnam Kamala Sarojini, Palanisamy Kaliannan, Yuvaraja Teekaraman, Srete Nikolovski, Hamid Reza Baghaee, "An Enhanced Emulated Inertia Control for Grid-Connected PV Systems with HESS in a Weak Grid"" Energies 2021, 14(06), 1455 (1-21);

156. Subramanian Vasantharaj, Indragandhi Vairavasundaram, Subramaniyaswamy Vairavasundaram, Yuvaraja Teekaraman, Ramya Kuppusamy, Nikolovski Srete, Efficient Control of DC Microgrid with Hybrid PV—Fuel Cell and Energy Storage Systems" Energies 2021, 14(06), 3234 (1-18);

157. Yuvaraja Teekaraman, Hariprasath Manoharan, "Implementation of Cognitive Radio Model for Agricultural Applications using Hybrid Algorithms". Wireless Personal Communications, Accepted. 2021.

158. Rahul Gopi, Soundarya S, Kavitha P, Yuvaraja Teekaraman, Ramya Kuppusamy, Shabana Urooj "Enhanced Model Reference Adaptive Control Scheme for Tracking Control of Magnetic Levitation System" Energies 2021, 14(05), 1455 (1-13).

159. Shabana Urooj, Fadwa Alrowais, Yuvaraja Teekaraman, Hariprasath Manoharan, Ramya Kuppusamy, "IoT Based Electric Vehicle Application Using Boosting Algorithm for Smart Cities" Energies 2021, 14(04), 1072 (1-15).

160. Shabana Urooj, Fadwa Alrowais, Ramya Kuppusamy, Yuvaraja Teekaraman, Hariprasath Manoharan, "New Gen Controlling Variable using Dragonfly Algorithm in PV Panel" Energies 2021, 14(04), 790 (1-14).

161. Hariprasath Manoharan, Yuvaraja Teekaraman, Pravin R Kshirsagar, Shanmugam Sundaramurthy, Abirami Manoharan, Examining the effect of Aquaculture using Sensor based Technology with Machine Learning Algorithm. Aquaculture Research, 13(15), pp.1-16. 2020.

162. Hariprasath Manoharan, Yuvaraja Teekaraman, Irina Kirpichnikova, Ramya Kuppusamy, Srete Nikolovski, Hamid Reza Baghaee., Smart Grid Monitoring by Wireless Sensors Using Binary Logistic Regression. Energies, 13(15), pp.1-16. 2020.

163. Thowfeek MH, Samsudeen, SN, Sanjeetha, MBF. Drivers of Artificial Intelligence in Banking Service Sectors, Solid State Technology, (2020); 63(5): 6400 – 6411.

164. Samsudeen SN, Thowfeek MH, Rashida, MF. School Teachers' Intention to Use E-Learning Systems in Sri Lanka: A Modified TAM Approach, International Journal of Information and Knowledge Management, (2015); 5(4), 55-59.

165. Samsudeen, SN, Thowfeek, MH. Small Medium Entrepreneurs' Intension to Use Cloud Computing: Reference to Eastern Province of Sri Lanka, Journal of Management, (2014);11(1), 1-10.

166. Thowfeek, MH. Salam, MNA. Students' Assessment on the Usability of E-learning Websites. Procedia-Social and Behavioral Sciences, (2014);141; 916-922.

167. Samsudeen, S. N. Acceptance of cloud of things by small and medium enterprises in Sri Lanka, Journal of Advanced Research in Dynamical and Control Systems, (2020);12(2), 2276-2285.

168. Thowfeek, MH, Samsudeen SN. Readiness of Resources for Flipped Classroom. In Proceedings of the 2019 8th International Conference on Educational and Information Technology. (2019); (pp. 92-96).

169. Akther, T. and Xu, F. (2021), "An investigation of the credibility of and confidence in audit value: evidence from a developing country", Accounting Research Journal, Vol. 34 No. 5, pp. 488-510.

170. Xu, F., & Akther, T. (2019). A partial least-squares structural equation modeling approach to investigate the audit expectation gap and its impact on investor confidence: perspectives from a developing country. Sustainability, 11(20), 5798.

171. Akther, T., & Xu, F. (2020). Existence of the audit expectation gap and its impact on stakeholders' confidence: The moderating role of the financial reporting council. International Journal of Financial Studies, 8(1), 4.

172. Akther, T. Corporate Environmental Reporting and Profitability: A Study on Listed Companies in Bangladesh; Jagannath University Journal of Business Studies; Vol. 5, No. 1 &2 June 2017(99-104).

173. Rupapara, V., Narra, M., Gonda, N. K., Thipparthy, K., & Gandhi, S. (2020). Auto-Encoders for Content-based Image Retrieval with its Implementation Using Handwritten Dataset. 2020 5th International Conference on Communication and Electronics Systems (ICCES), 289–294.

174. Rupapara, V., Thipparthy, K. R., Gunda, N. K., Narra, M., & Gandhi, S. (2020). Improving video ranking on social video platforms. 2020 7th International Conference on Smart Structures and Systems (ICSSS), 1–5.

175. Rupapara, V., Narra, M., Gonda, N. K., & Thipparthy, K. (2020). Relevant Data Node Extraction: A Web Data Extraction Method for Non Contagious Data. 2020 5th International Conference on Communication and Electronics Systems (ICCES), 500–505.

176. Ishaq, A., Sadiq, S., Umer, M., Ullah, S., Mirjalili, S., Rupapara, V., & Nappi, M. (2021). Improving the Prediction of Heart Failure Patients' Survival Using SMOTE and Effective Data Mining Techniques. IEEE Access, 9, 39707–39716.

177. Rustam, F., Khalid, M., Aslam, W., Rupapara, V., Mehmood, A., & Choi, G. S. (2021). A performance comparison of supervised machine learning models for Covid-19 tweets sentiment analysis. PLOS ONE, 16(2), e0245909.

178. Yousaf, A., Umer, M., Sadiq, S., Ullah, S., Mirjalili, S., Rupapara, V., & Nappi, M. (2021b). Emotion Recognition by Textual Tweets Classification Using Voting Classifier (LR-SGD). IEEE Access, 9, 6286–6295.

179. Sadiq, S., Umer, M., Ullah, S., Mirjalili, S., Rupapara, V., & NAPPI, M. (2021). Discrepancy detection between actual user reviews and numeric ratings of Google App store using deep learning. Expert Systems with Applications, 115111.

180. Rupapara, V., Narra, M., Gonda, N. K., Thipparthy, K., & Gandhi, S. (2020). Auto-Encoders for Content-based Image Retrieval with its Implementation Using Handwritten Dataset. 2020 5th International Conference on Communication and Electronics Systems (ICCES), 289–294.

181. Rupapara, V., Thipparthy, K. R., Gunda, N. K., Narra, M., & Gandhi, S. (2020). Improving video ranking on social video platforms. 2020 7th International Conference on Smart Structures and Systems (ICSSS), 1–5.

182. Rupapara, V., Narra, M., Gonda, N. K., & Thipparthy, K. (2020). Relevant Data Node Extraction:A Web Data Extraction Method for Non Contagious Data. 2020 5th International Conference on Communication and Electronics Systems (ICCES), 500–505.

183. F. Arslan, B. Singh, D. K. Sharma, R. Regin, R. Steffi and S. Suman Rajest, "Optimization Technique Approach to Resolve Food Sustainability Problems," 2021 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), 2021, pp. 25-30.

184. G. A. Ogunmola, B. Singh, D. K. Sharma, R. Regin, S. S. Rajest and N. Singh, "Involvement of Distance Measure in Assessing and Resolving Efficiency Environmental Obstacles," 2021 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), 2021, pp. 13-18.

185. D. K. Sharma, B. Singh, M. Raja, R. Regin and S. S. Rajest, "An Efficient Python Approach for Simulation of Poisson Distribution," 2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS), 2021, pp. 2011-2014.

186. D. K. Sharma, B. Singh, E. Herman, R. Regine, S. S. Rajest and V. P. Mishra, "Maximum Information Measure Policies in Reinforcement Learning with Deep Energy-Based Model," 2021 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), 2021, pp. 19-24.

187. Yuvaraja Teekaraman, Hariprasath Manoharan., Adam Raja Basha, Abirami Manoharan., Hybrid Optimization Algorithms for Resource Allocation in Heterogeneous Cognitive Radio Networks. Neural Processing Letters.

188. Yuvaraja.T, KA Ramesh Kumar, "Enhanced Frequency Shift Carrier Modulation for H Bridge Multilevel Converter to Conquer the Impact of Instability in Deputize Condenser Voltage" International Journal Of Electrical Engineering Education, Volume 57 Issue 2, April 2020.

189. Yuvaraja Teekaraman, K Ramya, Srete Nikolovski, "Current Compensation in Grid Connected VSCs using Advanced Fuzzy Logic Based Fluffy Built SVPWM Switching" Energies 2020, 13(05), 1259.

190. Yuvaraja Teekaraman, Pranesh Sthapit, Miheung Choe, Kiseon Kim, "Energy Analysis on Localization Free Routing Protocols in UWSNs" International Journal of Computational Intelligence System, Atlantis Press, Vol.12, Issue 2, pp. 1526-1536, 2019.