

# Table of Contents

SL. NO.	TITLE OF THE PAPER	NAME OF THE AUTHOR/S	PAGE NO.
1	The Space – Time is Flat at an Absolute Free Space. It is the Mass that Makes Space – Time Curved in. The Physical Time is Discrete or Continuous is An Observer Dependent Realism only	Prasenjit Debnath	1-5
2	Characterization of Individual Mobility and Society Using CDR Data	Mohammed Zohdy Abdulhady <sup>1</sup> , Loay E. George <sup>2</sup>	6-15
3	Team Building and Organizational Ambidexterity: A Relational Analysis	Namrata Nanda <sup>1</sup> , Siddharth Misra <sup>2</sup> , Rajith K.R. <sup>3</sup>	16-41
4	FRAMEWORK FOR ASSESSING SEISMIC RESILIENCE OF CITIES	Yaseen Mahmood <sup>*1</sup> , Khan Shahzada <sup>2</sup> , Usama Ali <sup>3</sup> , Abdul Farhan <sup>4</sup> , Syed Shujaat Ali Shah <sup>5</sup> , Fawad Ahmad <sup>6</sup>	42-49
5	Visions and Global Developments in Artificial Intelligence for Identifying Intelligent Behavior in Machines	B. V. V. Siva Prasad <sup>1</sup> , B. Suresh Kumar <sup>2</sup> , Ratna Raju Mukiri <sup>3</sup> , Akshat Agrawal <sup>4</sup>	50-61
6	Natural Convection Cooling of PCB Equipped with Perforated Fins Heat Sink including Inclination and Vibration Effects	HibaMudhafarHashim <sup>1</sup> , Ihsan Y. Hussain <sup>2</sup>	62-77
7	An Efficient Emergency Vehicle Clearance Mechanism for Smart Cities	Biru Rajak <sup>1</sup> , Shrabani Mallick <sup>2</sup> , Dharmender SinghKushwaha <sup>3</sup>	78-97
8	All-Optical Logic Gates Based on Graphene Interferometric Waveguide	Hassan FalahFakhruldeen <sup>1 *</sup> , TahreerSafa'a Mansour <sup>2</sup> , Yousif I. Hammadi <sup>3</sup>	98-110
9	A Composite Feature Set Based Blood Vessel Segmentation in Retinal Images through Supervised Learning	Y. Madhu Sudhana Reddy <sup>1*</sup> , R. S. Ernest Ravindran <sup>2</sup>	111-130
10	Mixed mode crack KI, KII on pipe wall subjected to water hammer modeled by four equations fluid structure interaction	N. Brahmia <sup>1*</sup> , D. Daas <sup>2</sup>	131-142
11	Assessing the Socio-Economic Cost incurred by Land Losers due to Land Conversion from Rural to Urban: A Case Study of New Town Kolkata, West Bengal, India	Puspita Sengupta	143-150
12	Validation of Retail Service Quality Scale (RSQS) Among Organized Retail Hypermarkets in India	VP Sriram	151-157
13	Demonstration of All-Fiber Pulse Compression Using Hollow Core Photonic Crystal Fibers	Ali A. Dawood <sup>1</sup> , Tahreer S. Mansour <sup>2</sup> , Yousif I. Hammadi <sup>3</sup>	158-169
14	Role of Internet of Things (IoT) with Blockchain Technology for the Development of Smart Farming	Sabir Hussain Awan <sup>1</sup> , Sheeraz Ahmed <sup>2</sup> , Nadeem Safwan <sup>3</sup> , Zeeshan Najam <sup>4</sup> , M. Zaheer Hashim <sup>5</sup> , Tayybah Safdar <sup>6</sup>	170-188
15	Fusion of Deep Learning Models for Improving Classification Accuracy of Remote Sensing Images	P. Deepan <sup>1</sup> , L.R. Sudha <sup>2</sup>	189-201
16	Analysis and Design of a Micro-Strip Antenna operating at a Frequency of 6.5 GHz focusing on Cowl's Research	Hammad Afridi <sup>1</sup> , Nasru Minallah <sup>2</sup> , Sheeraz Ahmed <sup>3</sup> , Khalid Zaman <sup>4</sup> , Sozan Sulaiman Maghdid <sup>5</sup> , Atif Sardar Khan <sup>6</sup> , Alamgir Khan <sup>7</sup>	202-214
17	EXPLORING THE RELATIONSHIP BETWEEN PERSONALITY TYPE, OFFICE TYPE AND EMPLOYEE PERFORMANCE	Ramalakshmi V <sup>1</sup> , Rama Krishna Gupta Potnuru <sup>2</sup>	215-229
18	Value Creation and Society: A Corporate Governance in Indian IT Companies	Pravesh Soti <sup>1</sup> , Vivek Kumar Pathak <sup>2</sup>	230-250
19	Empirical investigation of influencers of employee turnover from Indian perspective, part II	Pravesh Soti <sup>1</sup> , Vivek Kr. Pathak <sup>2</sup> , Madhu Kumar R <sup>3</sup> , Nirmal S Kumar <sup>4</sup> , P Nirmal James <sup>5</sup>	251-268
20	Empirical assessment of influential strength of service quality dimensions in Indian Universities, part I	Vivek Kr. Pathak <sup>1</sup> , Swathi BV <sup>2</sup> , Vipul Raj Pandey <sup>3</sup> , Vineeth A <sup>4</sup>	269-284
21	Improved probable clustering based on data dissemination for retrieval of web URLs	Sunita <sup>1</sup> , Vijay Rana <sup>2</sup>	285-294

22	Performance Evaluation of Machine Learning Classifiers for Stock Market Prediction in Big Data Environment	Sneh Kalra <sup>1</sup> , Sachin Gupta <sup>2</sup> , Jay Shankar Prasad <sup>3</sup>	295-306
23	Encryption a Message by using the Enhancement Nonlinear Key Generator and Calculate the Autocorrelation Property of Randomness test by using Matlab	Ahmed Amer Ridha Alsaadi <sup>1</sup> , Ayad G. Naser Al-Shammari <sup>2</sup>	307-318
24	Using the Non-Linear Generator to Calculate the Randomness Test for Frequency Property And use it to encrypt and decrypt message by using the Matlab program	Ibrahim Abdul Rasool Hamoud <sup>1</sup> , Ayad Ghazi Naser Alshamri <sup>2</sup>	319-329
25	Heuristic Initialization And Similarity Integration Based Model for Improving Extractive Multi-Document Summarization	Nasreen J. Kadhim <sup>1</sup> , Dheyaa Abdulameer Mohammed <sup>2</sup>	330-350
26	Applying Hybrid time series models for modeling bivariate time series data with different distributions for forecasting unemployment rate in the USA	Firas Ahmmed Mohammed <sup>1</sup> ,Moamen Abbas Mousa <sup>2</sup>	351-368
27	Relation Ship Between Hardness And Roughness For dezincification of Brass	Zamen Karm <sup>1</sup> , Hussein Yousif <sup>2</sup>	369-378
28	Effect of radius and angle of bending on the concentration of stresses in the Aluminum sheet	Jenan Mohammed Naje	379-395
29	Multi-Context Cluster Based Trust Aware Routing ForInternet of Things	Sowmya Gali <sup>1*</sup> Venkatram N <sup>2</sup>	396-418
30	Adaptive threshold back propagation neural network for rice grain classification using variance and co-variance colour features	Ksh. Robert Singh <sup>1</sup> , Saurabh Chaudhury <sup>2</sup>	419-436
31	Assessment of Data Sophistication in HR functions by Applying Ridit Analysis	Sripathi Kalvakolanu <sup>1</sup> ,Chendragiri Madhavaiah <sup>2</sup> ,	437-452
32	A distinct approach to diagnose dengue fever with the help of soft set theory	Fariha Iftikhar <sup>1</sup> , Faiza Ghulam Nabi <sup>2</sup>	453-475
33	A New Video Watermarking Using Redundant Discrete Wavelet in Singular Value Decomposition Domain	Kalyanapu Srinivas <sup>1</sup> , Pala Mahesh Kumar <sup>*2</sup> , Annam Jagadeeswara Rao <sup>3</sup>	476-486
34	Futuristic Machine Learning Techniques for Diabetes Detection	Pavan kumar Panakanti <sup>1</sup> , Sammulal Porika <sup>2</sup> , SK Yadav <sup>3</sup>	487-500
35	MANET protocol with Ant colony optimization for real time applications	Pavan kumar Panakanti	501-510
36	Despeckling SAR Images Thought Nest ESA Tool	G. Siva Krishna <sup>1</sup> , Shobini.B <sup>2</sup> , N.Prakash <sup>3</sup>	511-519
37	Design of 5-Stage Ring Oscillator using Mentor Graphics 130nm Technology	Kumaraswamy Gajula	520-526
38	Digital Beam forming Algorithms for Radar Applications	Sri Bindu. Sattu	527-542
39	Design and Implementation of ZETA Converter Fed SRM Drive Based PV system for Agricultural Applications	Rakesh Sairaju <sup>1</sup> , B. V. Shankar Ram <sup>2</sup>	543-557
40	GREY WOLF OPTIMIZATION WITH WAVELET SCHEME FOR SAR IMAGES DENOISING	A. Ravi <sup>1</sup> , Leela Satyanarayana. V <sup>2</sup>	558-570
41	JOB PERFORMANCE FACTORS OF CIVIL ENGINEERS IN VIETNAM	Khoa Dang Vo <sup>1</sup> , Phong Thanh Nguyen <sup>2*</sup> , Phuong Thanh Phan <sup>3</sup>	571-575
42	Implementing Integrated Vehicle Health Management (IVHM) Protocol for Support and Reliability of Digital Project Engineering	Noor Ullah <sup>1</sup> , Sayed Atif <sup>2</sup> , Jehanzeb Khan <sup>3</sup>	576-581
43	Supply and Demand (SAD) analysis of Producers and Seller in Market under OOS Conditions in Supply Chain Management	Sayed Atif <sup>1</sup> , Noor Ullah <sup>2</sup> , Jehanzeb Khan <sup>3</sup>	582-589
44	Review of Induction Motor Direct Torque Control	Sajid Nawaz Khan <sup>1</sup> , Hamza Umar Afridi <sup>2</sup> , Syed Ashraf Ali <sup>3</sup> , Muhammad Aamir Aman <sup>4*</sup>	590-600
45	Customer Acquisition and Retention in Non-Banking Finance Companies (NBFC)	Subhransu Panda <sup>1</sup> , K. Siva Nageswara Rao <sup>2</sup>	601-613
46	A Comparative Study between New and Loyal Customer Complaint Behaviour in Context of Service Recovery Failures of Indian Banking Sector	Bandaru Srinivasa Rao <sup>1</sup> ,Nagendra Kumar Turaga <sup>2</sup>	614-624

47	Linkage of Employee Motivation and Employee Performance – Empirical Evidence on Employee Relationship Management Practices	Kalpana Koneru	625-639
48	Andhra Pradesh Broadband infrastructure Project Phase-I- A Case Study	Phani Kumar.Katuri <sup>1</sup> , Harika.Putta <sup>2</sup>	640-650
49	Analyzing the purchase intentions of Smartphone: A Descriptive Study	A. Uday Kiran Sarma <sup>1</sup> , K. Murali Krishna <sup>2</sup> , S. Sai Devendra Kumar <sup>3</sup>	651-662
50	The Strategic Implications of Green HRM Practices towards Employee Organizational commitment an Inferential Analysis	M S KishanVarma <sup>1*</sup> , K Kalpana <sup>2</sup> , Leonard Lambert <sup>3</sup>	663-672
51	Reward and Recognition Impact on Job Satisfaction and Performance in retail sector: an Empirical Study from Andhra and Telangana	Potineni Swapna <sup>1</sup> , P. Lakshmi Narayanamma <sup>2</sup>	673-681
52	Factors Influence Organizational Citizenship Behavior in Software Organization: An Empirical Analysis	J.N.G. Sreenivas <sup>1</sup> , Kalpana koneru <sup>2</sup> , P. Lakshmi Narayanamma <sup>3</sup>	682-689
53	Role of Online Food Ordering Apps in determining the Purchase Intentions: An Empirical Analysis among the selected Online Food ordering customers	M. SivaKoti Reddy <sup>1</sup> , Shirisha Addela <sup>2</sup>	690-707
54	Awareness and Penetration Level of Cashless Transactions in the Organized Retail Market of Nagpur City	Shashwati Bhowmick	708-715
55	Strategic Human Resource Management & Digitisation of HR for Sustainable Development	P. Janakiram <sup>1</sup> , Lakshmi Narayanamma <sup>2</sup>	716-723
56	An Emperical Analysis of the Potentialof FDI inflows in India	Ronismita Mishra	724-736
57	Perception of Students on the Teaching Methods of Public and Private School	P. Lakshmi Narayanamma	737-744
58	A Study on the Attitude of College Students towards Entrepreneurship Education with Reference to Chennai	S. Jayalakshmi <sup>1</sup> , O. Vijayalakshmi <sup>2</sup>	745-749
59	Consequences of Distributive Justice on Behaviour after Complaint in Banking Industry India	Nagendra Kumar Turaga <sup>1</sup> , SrinivasaRao Bandaru <sup>2</sup> , Mohana Turaga <sup>3</sup>	750-756
60	Design of a Financial Decision Support System based on Artificial Neural Networks for Stock Price Prediction	Sandeep Patalay <sup>1</sup> , B. MadhusudhanRao <sup>2</sup>	757-766
61	Amaravati : Future Food Processing Hub of India	K. Phani Kumar <sup>1</sup> , Dhananjaya Joshi <sup>2</sup>	767-781
62	Driving Factors in the Selection of a Bank:: Stakeholder's Perspective	Hanumantha Rao Sama <sup>1</sup> ,Somasekhar Donthu <sup>2</sup> , Vasanta Kumar. V <sup>3</sup>	782-793
63	The Effectiveness of Human Resource Management Practices on Employee Retention– An Empirical Study of Commercial Bank of Ethiopia, Hawassa City	S. M. Murali Krishna <sup>1</sup> , Ch Hari Govinda Rao <sup>2</sup> , Auadhati Datta <sup>3</sup>	794-807
64	Importance and 2emergence of workforce diversity concept with special reference to gender diversity in today's business scenario: An empirical study of various industrial sectors of South India	Saritasatpath <sup>1</sup> , VikasBhatnagar <sup>2</sup>	808-818
65	Strategic Management Of Foreign Direct Investment: Potential Markets Analysis	Swapnamoyee P.Palit	819-831
66	Impact of Merger &Acquisition on Employee Culture: A Case Study on DXC Technology	S. Gayathri <sup>1</sup> , Mano Priya Ranjan Katragadda <sup>2</sup>	832-837
67	Evaluating the Financial Performance of Dairy Firm: An Application of ratio Analysis	M Ramu <sup>1</sup> , M. Siva Koti Reddy <sup>2</sup> , S.Sudheer <sup>3</sup>	838-849
68	Sustainable Consumption: A Study on Factors Affecting Green Consumer Behavior	V. Sravani Chari <sup>1</sup> , M. Sivakoti Reddy <sup>2</sup>	850-861
69	The Effect of Message Source Credibility on Consumer Purchase Intention: An Empirical Examination of Appreal Industry	S Sudheer <sup>1*</sup> , M Siva Koti Reddy <sup>2</sup> , A Sai Manideep <sup>3</sup>	862-872
70	Impact of Knowledge Sharing and Dissemination on Agriculture Supply Chain Management: A Case Study on Cotton and Chill Farmers in Guntur and Prakasam Districts	Vidya Sagar <sup>1</sup> . Mullapudi, Subba Raydu. Thunga <sup>2</sup> , A. SrikanthBabu <sup>3</sup> , Ch.Hymavathi <sup>4</sup>	873-881
71	A Perceptual Study on Adoption of Technology in Farming: A Descriptive Analysis using Tam	A Nagabhushna <sup>1*</sup> , M Siva Koti Reddy <sup>2</sup>	882-891

72	An Empirical study of Consumer price Index on BSE SENSEX	Hymavathi	892-898
73	Consumers' Perceptions on Nanotechnology Enabled Cosmetic Products in Conception of Physical Wellness	A Sai Manideep <sup>1*</sup> , M Siva Koti Reddy <sup>2</sup> , P Srinivas Reddy <sup>3</sup>	899-909
74	Ethics: Its Management and Impact on Work Place	Gaurab Kumar Sharma <sup>1</sup> , Princi Gupta <sup>2</sup> , Nisha Singh <sup>3</sup>	910-922
75	Shoppers' Patronage Behaviour with reference to Online Apparel Retailing	M. Uma Devi <sup>1</sup> , Suneel Sankala <sup>2</sup>	923-942
76	HRD - Banks in the ICT Era a Focus on Private sector Banks	Ashok Kumar Katta <sup>1</sup> , P. SubbaRao <sup>2</sup> , S. Venkata Ramana <sup>3</sup>	943-957
77	Enhancement of Non-Linear Generators to Calculate the Randomness Test for Frequency Property in the Stream Cipher Systems	Ibrahim Abdul Rasool Hammood <sup>1</sup> , Ayad Ghazi Naser Alshamri <sup>2</sup>	958-969
78	Estimation the Shape Parameter of (S-S) Reliability of Kumaraswamy Distribution	A. S. Mohammed <sup>1</sup> , Alaa M. Hamad <sup>2</sup> , Abbas Najim Salman <sup>3</sup>	970-980
79	A Novel approach to genome editing using Cellular automata evolutions of adjoints sequences	Rama Naga Kiran Kumar. K <sup>1</sup> , Ramesh Babu. I <sup>2</sup>	981-997