First Virtual International Conference on Latest Advancements & Future Trends In Engineering, Science, Humanities & Management

ISBN: 978-93-90103-06-5

Organized by:

Dolphin (PG) College of Science & Agriculture, Chunni Kalan, Punjab, India [Affiliated to RTU & Approved by All India Council of Technical Education, New Delhi]

Date: 11th - 12th August 2020

INDEX

S. No.	Paper ID	Paper Title	Author	Page No.
1	D501	TAX LIABILITY IN EXSTING TAX REGIME AND SPECIAL TAX RATES: AN OVERVIEW	Dr. PANDIT C BILAMGE	01-11
2	D502	A STUDY OF VARIATIONS IN THE E.R.R. AND OTHER REARING PERFORMANCES OF MUTANT STRAINS OF INDIAN TASAR SILKWORM	ANAMIKA MISHRA	12-21
3	D506	Management of Information Technology and Support Covid-19 Footprints	Ms. Sharda Jha, Dr.Alka Sharma , Mr. Akhilesh Kumar Jha	22-33
4	F1001	Detection of Diabetic Retinopathy from Fundus Images using Deep Learning:A Review	Supriya Mishra, Seema Hanchate	34-44
5	F1005	AUTOMATION IN ACCOUTING OF THE COOPERATIVE HOUSING SOCIETY	Sneha N Gaikwad, Prof Chirag R Desai	45-49
6	F1006	Automated Car Parking Using QR Code	Karan J Mehta, Krutika P Parmar, Prof. Chirag R Desai	50-53
7	K523	The study of rocks in thin section under polarizing microscope.	Sachin changotra , Dr. Rekha Israni , Dr. Sanjay Kumar Karlupia	54-59
8	K545	ROLE OF ARTIFICIAL INTELLIGENCE IN FINANCE AND ACCOUNTING	Reepu	60-67

9	К553	Assessment of Land Use Land Cover in Varanasi District using Geospatial Techniques	Nitish Kumar Singh, Geeta Devi	68-79
10	K555	Reconstruct History: Reconnaissance of Japanese Culture and the Orient by Kazuo Ishiguro in A Pale View of Hills	Meenakshi Rana	80-85
11	K557	Migrational Transformation in Dalit's: A Sociological Study from Punjab Province	Harry, Dr Sukanya Das	56-90
12	N3023	A Privacy Conserving Mutual Auditing for Multi-Cloud Infrastructure in Cloud	Logapriya E ,Vijayalakshmi K	91-103
13	N3025	Study of the waste rubber tube mixed with bitumen for the construction of road	Arvind Kumar Paswan, Dr. A.K. Mishra	104-116
14	N3028	Strengthening and widening of road in hilly areas	Mohd Mujahid, Dr. A.K Mishra	117-132
15	N3029	CASE STUDY OF TRAFFIC FORECASTING OF NH-7, LALGANJ TO HANUMANHA	Avadhesh Pandey, Dr. Arun Kumar Mishra	133-141
16	D503	INFORMATION AND COMMUNICATION TECHNOLOGY IN AGRICULTURAL DEVELOPMENT	Iqbal Singh	142-149
17	D504	CONTROL OF WIND ENERGY CONVERSION SYSTEM	Venkata Ramana Guntreddi, Dr. Anupama A. Deshpande	150-160
18	D510	How advances in Computer Science have helped India fight COVID-19 pandemic	Sarthak Sharma , Roshni Balasubramanian	161-164
19	D513	Biomedical Waste: Treatment and Technologies used for Disposal	Dr. Sai Bhavani Sevella, Ms. Saileja Sevella, Ms. G.S.Thanishqa	165-177
20	D515	Limning the Codes of Assertion: Interpreting the Trajectory of Contestation and Self- creation in Dalip Kaur Tiwana's Peele Patian Di Dastan (A Tale of Yellow Leaves).	Dr. Niharika	178-191
21	D517	Issues and challenges on the work-life balance of women - A sociological study	Dr. Nancy Prasanna Joseph	192-201
22	D518	SECURITY AND ENERGY CONSUMPTION ISSUE IN MOBILE AD-HOC NETWORKS BASED ON HYBRID FUZZY LOGIC APPROACH	Lokesh Malik , Dr. Anil Dudy	202-209
23	K577	"CHILD LABOURERS AND WILLINGNESS TO IMPROVE THEIR SOCIAL STATUS"	Mrs. Garima, Dr. P. Durga Rao	210-218
24	К591	Sentiment Similarity Analysis Using Word Embedding For Trust Calculation	Garima Sharma, Prof. K. K. Chhajed	219-229
25	D519	CHARACTERIZATION AND UTILIZATION OF WATER HYACINTH FOR BIOGAS GENERATION	P. Kalaignanam, Dr. K. M. Gopalakrishnan, Mr. D. Krishna	230-240
26	D521	CONVERSION OF HIGH COD CONTENT WASTEWATER INTO BIOGAS	Udhayakumar M, Dhivakar Karthick M, Fathima Darras Gracy A	241-255

27	D524	EVA: AI NUTRITIONIST AND HEALTH COACH	Riya Pannu, Devansh Jain Nawal, Akshat Krishna, Amarjit Malhotra, Preeti Kaur	256-265
28	D529	Role of Smart Apps in Children Teaching: 3D Models Better Than Smart Apps for Learning	Amarjit Malhotra	266-273
29	D526	Antecedents of Organizational Commitment in Indian Banking Sector (With Special Reference to Tri-City Chandigarh)	Dr. Kulbhushan Chandel, Yogita Sarohi	274-289
30	D527	CONTRIBUTORS TO WORK-LIFE BALANCE: A STUDY OF OSWAL GROUP	Dr. Kulbhushan Chandel, Tanu Kalsi	290-306
31	D528	HEART DISEASE ANALYSIS AND PREDICTION USING VOTING CLASSIFIER	Amarjit Malhotra, Soham Rajput, Devanshu Bisherwal	307-317
32	D530	WHALE OPTIMIZATION FOR EFFICIENT LOAD BALANCING	Amarjit Malhotra	318-322
33	D531	SECURITY AND PRIVACY CHALLENGES OF BLOCKCHAIN TECHNOLOGY	Amarjit Malhotra	232-328
34	D535	MEASURING AND FORECASTING THE LIQUIDITY BY USING ARIMA MODEL: A CASE STUDY OF NATIONAL STOCK EXCHANGE	Dr. Jyoti Saluja, Dr. Sonia	329-351
35	D508	SUMMATION FORMULAE INVOLVING BASIC HYPERGEOMETRIC AND TRUNCATED BASIC HYPERGEOMETRIC FUNCTIONS	Harwinder Kaur, A. K. Shrivastav	352-358
36	D525	A Design of Embedded System for Nadi Pariksha Diagnosis	Pankaj Shende , R.P.Singh	359-362
37	D532	DIGITIZING ACADEMIC LIBRARY MATERIALS: CHALLENGES AND THE WAY FORWARD	Mohammed Musa Gwoma, Dawi Dala Mangari	363-370
38	D533	RELATIONSHIP BETWEEN JOB SATISFACTION AND SELF-ESTEEM OF PRIMARY SCHOOL TEACHERS	Dawi Dala Mangari, Mohammed Musa Gwoma	371-377
39	D539	TEACHER COMPETENCY, COMMITMENT& JOB SATISFACTION. A REVIEW OF PRIMARY SCHOOL TEACHERS.	Dawi DalaMangari, Mohammed Musa Gwoma	378-382
40	D540	GIRL-CHILD MARRIAGE. A REVIEW ON ITS IMPLICATIONS IN NIGERIA	Rakiya Musa, Ibrahim Adamu Bauchi	383-388
41	D541	ASSESSMENT OF ACADEMIC ACHIEVEMENT OF ENGLISH LANGUAGE WITH RESPECT TO GENDER IN SENIOR SECONDARY SCHOOLS IN BORNO STATE. NIGERIA.	Hassan Alhaji Lawan, Prof. (Dr.) Vijay Kumar chechi	289-397
42	D542	RELATIONSHIP BETWEEN CELLPHONE USAGE AND ACADEMIC ACHIEVEMENT OF STUDENTS IN SENIORSECONDARY SCHOOLS IN BORNO STATE.	Hassan Alhaji Lawan, Prof. (Dr.) Vijay Kumar Chechi	398-407

43	D546	A COMPARISON OF THE EFFECTIVENESS OF UNIFIED MODELING LANGUAGE AND DESIGN AND ENGINEERING METHODOLOGY FOR ORGANIZATIONS	Mohammed Musa Gwoma , Ahmed Abubakar Shettima	408-425
44	D507	Model Reduction of Flexible-Missile Control Plant using BST via Schur Method	Santosh Kumar Suman, Awadhesh Kumar	426-433
45	D544	Medical Image Fusion using NSCT	K. VeeraSwamy, B. Ashwanth	434-446
46	D550	Modal Analysis with CFD and Experimental Validation of Horizontal Axis Mini Wind Turbine through FFT	Bhimrao A. Shivsharan, Pramod B. Magade	447-459
47	D551	Employee Perception Regarding Welfare Activities	Nayanpreet Kaur, Dr. Pooja	460-468
48	D552	Advancement of Education in Post- Independence Punjab with special reference to Partap Singh Kairon	Dr. Lakhveer Kaur	469-476
49	D554	NUTRITION KNOWLEDGE, ATTITUDE AND PRACTICE OF MOTHERS REGARDING THE NUTRITIONAL STATUS OF THEIR CHILDREN	Beant Kaur , Vikram Singh Aulakh	477-483
50	D555	Special Assignment Problem with Lucas Numbers	Dr.K.V.L.N.Acharyulu,Y.An usha, Ch.Sri Lakshmi,	484-484
51	D556	A STUDY ON HISTORY AND CULTURE OF HARYANA	Kanwar Lal, Dr. Reshma Ara	485-486
52	D557	SERVICE ORIENTED ARCHITECTURE FOR LOAD BALANCING WITH FAULT TOLERANT IN GRID COMPUTING	Komal Singla, Dr. Jitendra Sheethlani	487-488
53	D558	A STUDY ON DATA MINING TECHNIQUES	Shweta Jain	489-490
54	D559	MOTIVATION AND ORGANISATIONAL CITIZENSHIP BEHAVIOUR – A THEORITICAL REVIEW	B.Kavitha, Dr.N.K.Shanmugam	491-491
55	D560	AN INVESTIGATION ON WOMEN EDUCATION: WITH REFERENCE TO INDIA	Parwaiz Suhaib Ahmed	492-492
56	561	Support Examin+G168:H171ation utilizing Dynamic Framework and Pocketknife Outline: Execution in a DRP 500 TPD Unit	Lakhan Singh	493-501
57	562	5G and Beyond: Exploring New Technologies and Architectures to Enhance Wireless Communication Systems	Dr. Vishant Kumar	502-510
58	563	A REVIEW OF STATE-OF-THE-ART OPTIMIZATION OF 6G COMMUNICATIONS TECHNOLOGY BEYOND5G ERA OF WEARABLE ANTENNAS DEVICES	Madan Pal Singh	511-518
59	564	A Review on study of optimization of Electric Vehicle charging Technologies for future Challenges	Anju Bisht	519-530

60	565	REVIEW ON PROGRESS OF ACCELERATING VLSI PLACEMENT OPTIMIZATION FOR PHYSICAL DESIGN	Bharat Pal Singh	531-538
61	566	Amul - A Cooperative Success Story: Transforming Indian Dairy Industry	Naveen Singh	539-549
62	567	An Overview of Phase Transformation Materials Used in Solar Energy Dryers for Agricultural Process of Drying	Sumit Kumar	550-556
63	568	Liver Disease prediction using Machine Learning Algorithms	Manoj Kumar Chaudhary	557-564
64	569	2D STEADY STATE HEAT TRANSFER OF PLATE BY USING FINITE ELEMENT ANALYSIS	Ujjwal Kumar	565-584
65	570	A Comprehensive Study on Solar Energy's Utilization in Power Generation	Ankit Kumar	585-590
66	571	A Significant Challenge in Data Mining : Link Mining	Santosh Kumar Mishra	591-600
67	572	Analysis of the Properties of AluminumAlloy at 10 mm Thickness	Manik Pal Shah	601-607
68	573	BIODIESEL FROM VEGETABLE OIL: PHYSICOCHEMICAL CHARACTERIZATION	Jitendra Kumar	608-612
69	574	Blockchain Technology and Applications: A Comprehensive Study	Pradeep Kaushik	613-622
70	575	CFD ANALYSIS OF SOLAR AIR HEATER HAVING BROKEN DOUBLE ARC RIB ROUGHNESS IN ABSORBER PLATE	Punit Kumar	623-635
71	576	COMPARATIVE STUDY AND REVIEW-SOLAR WATER HEATING SYSTEMS AND THEIR APPLICATION	Ekta Joshi	636-645
72	577	Cutting-Edge Techniques of Heating, Ventilation, and Air Conditioning Systems in Smart Buildings	Ravi Shankar	646-650
73	578	Design and Implementation of Frequency to Voltage Converter (FVC)	Laxman Singh	651-656
74	579	Design of Linearly Polarized Micro strip Square-Patch Antenna for Improved Bandwidth and Low Return Loss	Sapna Rauthan	657-664
75	580	DESIGN OF STRUCTURE, COMPOSITION AND HEAT TREATMENT PROCESS FOR HIGH STRENGTH STEEL	Devesh Sharma	665-668
76	581	Design of Wireless Sensor Network using heuristics of Ant Colony Optimization Technique	Virendra Kuamr	668-674
77	582	Digital Communication in Healthcare: Telemedicine and Remote Patient Monitoring	Wajahat Gh. Mohd	675-681
78	583	DIVERSIFICATION STRATEGY OF ITC LTD – A CASE STUDY	Sonal Singhal	682-689

79	584	Screening and Isolation of Cyclodextrin Glycosyl Transferase Producing Bacteria from Soil Samples.	P. V. Kamala Kumari, Ladi Vimala, Nishat Shaik, Padala Siva Ganesh, Pedada Sirisha	690-690
80	585	Unraveling the Illusion: Exploring the American Dream and Social Class in "The Great Gatsby" by F. Scott Fitzgerald	Anjalin Mary. L	691-694
81	586	Gender and Feminism in Canadian Literature	Monisha. U, Ayshwaryalatchmi. R	695-699
82	587	VEHICULAR SECURE ACCESS PROTOCOL (VSAP): A NOVEL SCMAC APPROACH FOR CONTROL CHANNEL MANAGEMENT IN VEHICULAR NETWORKS	Anusha Prem I	700-707
83	588	Big Data Security and Privacy: Current Challenges and Future Research Perspective in Cloud Environment	V. Niranjana	708-717
84	589	An examination of consumers' online buying habits	Shreya Sharma Dwivedi, Shweta Bajpai, Amima Shoeb, Ashish Malik	718-722
85	590	"A study of Employee Welfare Measures" was presented at the Tata Motors Service and Spare Parts Sale, HOSUR.	Emroze Alam,Hemanshu Rai,Krishna pal Singh, Kriti Shukla, Monika Shah	723-726
86	591	A work-life balance research carried out at Birla Sunlife Insurance, Hosur	Neetu Singh,Pradeep Bhatnagar, RITIKA Bajpai, RITUJA Gupta, Vibha Verma,Vinit Pandey	727-732
87	592	A CHRIST COLLEGE STUDY ON GREEN HR PRACTICES ADOPTED.Bangalores	Z.A.Sidiqui,Bipin Shukla, Ketki khera, Somnath Pal, Saurabh Gupta, Sunil Shukla,Pankaj Kant Dixit	733-738
88	593	EMPERIAL APPLICATIONS CLASSIFIER DECISION TREE FOR WSD PROBLEM	Abhay Shukla, Ashish Shukla, Pooja Diwivedi Rituraj Kushwaha, Shail Dubey,Shalini Gupta	739-742
89	594	Nevertheless another use for processing natural language is Employee Survey Analyses (ESA) scripts.	Shubha Jain, Vijatashwa Awasthi, Ajay Gaur Amit Sabharwal, Waseed Mohamad Khan	743-750