2021 5th International Conference on Computer, Communication and Signal Processing (ICCCSP 2021)

Chennai, India
24 – 25 May 2021

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Contents

Sl No.	Paper ID	Authors	Paper Title	Page No.
15	86	MANAV GUMBER, APOORV JAIN, A L AMUTHA	PREDICTING CUSTOMER BEHAVIOR BY ANALYZING CLICKSTREAM DATA	83
16	88	DHIVEYASWATHI THANGARAJA, BALAMURUGAN GOPALAKRISHNAN	AN ENHANCED IMAGE ENCRYPTION APPROACH USING FOUR DIMENSION HYPERCHAOTIC CHEN MAP	89
17	98	JOHN MATHEW, DR. JANAKI MEENA M	A SURVEY ON OBJECT DETECTION FROM SCIENTIFIC PLOTS	94
18	112	SWETHA VARADARAJULU, K. MARIAMMAL	DESIGN OF SENTINET RTL LIBRARY FOR CNN BASED HARDWARE ACCELERATOR	100
19	122	R. VIJAYARAJAN, N. SANGEETHA and P. GNANASIVAM	MULTIMODAL MEDICAL IMAGE FUSION IN DWT DOMAIN USING OTSU'S THRESHOLDING	109
20	131	VARDHAN SHOREWALA	ANOMALY DETECTION AND IMPROVEMENT OF CLUSTERS USING ENHANCED K-MEANS ALGORITHM	115
21	168	J. GODWIN PONSAM, S. V. JUNO BELLA GRACIA, MEERA E, VASANTHI R	SOCIAL CREDIT SCORE SYSTEM	122
22	170	AMAN KUMAR MISHRA and P VIJAYAKUMAR	AP SWITCH ON/OFF STRATEGY IN GREEN CELL-FREE MASSIVE MIMO BASED RADIO STRIPE NETWORK.	125
23	178	P. PAVAN KUMAR, RAMESH.AVULA, CH. RAMINAIDU, N. SANTHOSI, K.SAI MADHURI, L. LATHA SRI	SPACE FILLED HYBRID MULTIBAND ANTENNA FOR S – C – X BAND APPLICATIONS	131
24	192	ARNAB DEY, KOUSIK DASGUPTA	MOOD RECOGNITION IN ONLINE SESSIONS USING MACHINE LEARNING IN REALTIME	137
25	194	ASHUTOSH SRIVASTAVA	DUAL-CAVITY BACKED SUBSTRATE INTEGRATED WAVEGUIDE SLOT ANTENNA FOR 5G APPLICATIONS	143
26	200	KIRUTHIGHA M, SURESH JAGANATHAN	GRAPH CONVOLUTIONAL MODEL TO DIAGNOSE AUTISM SPECTRUM DISORDER USING RS-FMRI DATA	148
27	204	GOBIKA ASAITHAMBI, BALAMURUGAN GOPALAKRISHNAN	DESIGN OF CODE AND CHAOTIC FREQUENCY MODULATION FOR SECURE AND HIGH DATA RATE COMMUNICATION	153
28	207	ANIKET B. GHANDGE, BHAGYASHREE P. UDHANE, HRITHIK R. YADAV, PRATEEK S. THAKARE, DR. VINAYAK G. KOTTAWAR, PRAMOD B. DESHMUKH	ALGOASSIST: ALGORITHM VISUALIZER AND CODING PLATFORM FOR REMOTE CLASSROOM LEARNING	159
29	208	AISHWARYA S. KENDLE, MAYUR S. NAGARE, HONEY G. PATRE, RUSHIKESH S. ZANWAR, VINAYAK G. KOTTAWAR, PRAMOD B. DESKHMUKH	TNP VISION: AUTOMATION AND ANALYSIS OF CAMPUS PLACEMENTS IN COLLEGES	165
30	209	SAUMYA M. SINHA, VISHAL P. KALE, RUTIK S. SANGLE, SIDDHARTH R. BHOITE, DR. VINAYAK G. KOTTAWAR, PRAMOD B. DESHMUKH	CELESTIAL LEARNING: SECURE ELEARNING PLATFORM USING NODE-EXPRESS	171

Sl No.	Paper ID	Authors	Paper Title	Page No.
31	213	AMIYA BHUSANA SAHOO, SUCHISMITA SAHU, RITUPARNA SAHOO, SIDDHARTH SAHU, BISWA BINAYAK MANGARAJ	MINIATURIZED MICROSTRIP PATCH ANTENNA DESIGN USING METAMATERIAL	177
32	215	DEEP LEARNING BASED APPROACH TO GENERATE REALISTIC DATA FOR ADAS APPLICATIONS	DEEP LEARNING BASED APPROACH TO GENERATE REALISTIC DATA FOR ADAS APPLICATIONS	181
33	218	ANIL SINGH PARIHAR, PRATIK ANAND, ADITYA SHARMA, AMOL GROVER	UNDARKGAN: LOW-LIGHT IMAGE ENHANCEMENT WITH CYCLE-CONSISTENT ADVERSARIAL NETWORKS	186
34	221	SAKSHAM SRIVASTAVA, Dr. ADARSH S, Dr. BINOY B NAIR, Dr. K I RAMACHANDRAN	DRIVER'S FACE DETECTION IN POOR ILLUMINATION FOR ADAS APPLICATIONS	193
35	245	SYAMALA SRAVYA ADAVI, DR. M. S. NISHA	GNSS POSITIONING ANALYSIS OF DIFFERENT POSITIONING MODES USING OPEN-SOURCE TOOLS- A COMPARATIVE STUDY	199
36	248	SHREYAS MADHAV A V; RAJESH KANNA B; PAVITHRA L K	PARALLEL EXPLOITATION OF 2D LIDAR SIMULTANEOUS LOCALIZATION AND MAPPING	204
37	50	MOHANRAM P.B., KARTHIK VISWANATH S., MOHAMED MUSARAF P.M., KARTHIKEYAN R., SARATH CHANDRAN K.R. and ANGEL DEBORAH S.	IOT BASED SMART WASTE MANAGEMENT REPORTING AND MONITORING SYSTEM	208
38	52	M KARTHIK, N SURYA REDDY, G KASYAPA, K SRIRAM, S KIRTHIGA.	COOPERATIVE NOMA AND ENERGY HARVESTING USING MISO IN 5G NETWORKS	216
39	61	JYOTI GHOSH, ANJAN KUMAR TALUKDAR, KANDARPA KUMAR SARMA	DESIGN OF A LIGHT-WEIGHT NATURAL SCENE TEXT DETECTION SYSTEM	222
40	77	A V S BHARATH CHANDRA, MANOJKUMAR P C, M BHARGAV THARUN, RAHUL G, SURESH KUMAR P	OBJECT DETECTION, 3-D COORDINATE EXTRACTION AND POSE ESTIMATION FOR AN AUTONOMOUS MEDICAL ROBOT	229
41	97	M. ISRAK AHMED, SHAHRIYAR MAHMUD MAMUN, ASIF UZ ZAMAN ASIF	DCNN-BASED VEGETABLE IMAGE CLASSIFICATION USING TRANSFER LEARNING: A COMPARATIVE STUDY	235
42	175	DEEPIKA VARSHNEY, DINESH KUMAR VISHWAKARMA	ARTIMARKER: A NOVEL ARTIFICIALLY INFLATED VIDEO MARKING AND CHARACTERIZATION METHOD ON YOUTUBE	244
43	152	YUVRAJ DALIA, ADIKAR BHARATH, VEENA MAYYA, SOWMYA KAMATH S	DEEPOA: CLINICAL DECISION SUPPORT SYSTEM FOR EARLY DETECTION AND SEVERITY GRADING OF KNEE OSTEOARTHRITIS	250
44	217	PRANATHY M S, RANJANA S, REENU RITA P S, RAJALAKSHMI S, ANGEL DEBORAH S	INTERNET OF THINGS ENABLED SMART DUSTBINS USING CAPACITATED VEHICLE ROUTING	256
45	228	PRASANNA GAWADE, SURESH KUMAR P	IN-VEHICLE SPEECH COMMAND OPERATED DRIVER ASSIST SYSTEM FOR VEHICLE ACTUATORS CONTROL USING DEEP LEARNING TECHNIQUES	262

2021 5th International Conference on Computer, Communication, and Signal Processing (ICCCSP – 2021)

Sl No.	Paper ID	Authors	Paper Title	Page No.
46	232	ANIL SINGH PARIHAR, RITVIK MITTAL, HIMANSHU, PRASHUK JAIN	SURVEY AND COMPARISON OF VIDEO SUMMARIZATION TECHNIQUES	268
47	205	ANIL SINGH PARIHAR, ADITYA KAUSHIK, ADITYA VIKRAM CHOUDHARY, AMIT KUMAR SINGH	HTGAN: AN ARCHITECTURE FOR HINDI TEXT BASED IMAGE SYNTHESIS	273
48	224	RAVI KISHORE DEVARAPALLI, ANUPAM BISWAS	LOCATING THE RUMOR SOURCE IN SOCIAL NETWORKS USING TIMESTAMPS	280
49	236	SHUBHAM KUMAR, SHIVANG GARG, YATHARTH VATS, ANIL SINGH PARIHAR	CONTENT BASED BOT DETECTION USING BOT LANGUAGE MODEL AND BERT EMBEDDINGS	285
50	87	GUNTURU KRISHNA CHAITANYA, VIVEK KUKKAPALLI, I.S.K. VISHWANATH VARMA, SK KABEER BASHA	COMPUTER AIDED MASS DETECTION IN MAMMOGRAMS	290
51	90	KRIJESHAN G, RAGHUL P, NACHIAPPAN N N, BEULAH A, PRIYADHARSHINI R	DETECTION OF ELECTRONIC DEVICES IN REAL IMAGES USING DEEP LEARNING TECHNIQUES	295
52	51	SHAIK.SAMEERA, S. KIRTHIGA	AUTOMATIC MODULATION CLASSIFICATION USING DENSENET	301
53	34	ASHWINKUMAR J S, HARSHAVARDHINI SARAVANA KUMARAN, SIVAKARTHIKEYAN U, KONJETI P B V RAJESH, LAVANYA R	DEEP LEARNING BASED APPROACH FOR FACILITATING ONLINE PROCTORING USING TRANSFER LEARNING	306