

Session 1: DSP & DIP

Venue: Sir C.V. Raman Hall

Date: 10/01/2019

Time: 2:30 - 05:00

Session Chair : Dr. A. M. Rajurkar(Ph.D.-IITR) & Dr. Suhas Gajare(Ph.D.-IITD)

Sr. No	Paper ID	Authors	Paper Title
1	13	Sk. Shoaib Arif, B.B.Godbole and U. Shiurkar	IEEE 754 based single and double precision floating point multiplier analysis
2	66	Ms. Yogita Pagar and Dr. G.V. Chowdhary	Strengthening elliptic curve cryptography -key generation via biometric fusion approach
3	105	Dr. Ganesh Sable and Minakshi Rajput	Radon and Multi-wavelet based compact feature vector generation for gender identification from iris
4	127	Dnyaneshwari Wagh, H.S. Fadewar and G. N. Shinde	A comparative study of biometric finger vein recognition methods for authentication
5	131	Shashikant Dikle and U. Shiurkar	Real time face tracking and recognition using efficient face descriptor and features extraction algorithms
6	165	Kshipra Tatkare and Manoj Devare	Novel method to detect multiple cloning in targeted image invariant to rotation
7	172	Dr. Abhay Gaikwad	Comparison of different signal processing techniques used for extraction of breathing frequency of human being hidden behind a wall

Session 2: Cloud Computing & IoT

Venue: Edison Hall

Date: 10/01/2019

Time: 02:30 - 05:00

Session Chair : Dr. A. W. Kiwalekar (Ph.D.-IITB) & Dr. U. B. Shinde (Ph.D. Dr. BAMU,AWB)

Sr. No	Paper ID	Authors	Paper Title
1	16	Shital Supase and Rajesh Ingle	Election quorum based coordinator election algorithm for distributed systems
2	38	Vishal Reddy, Jayantrao Patil and Ratnadeep Deshmukh	A comparative approach to secure data storage model in Hadoop framework
3	55	Swati Shekapure and Dipti Patil	Learning preferences analysis by case based reasoning
4	61	Sushma Ghode and K. K. Bhoyar	A comparative study of ZRP and energy efficient ZRP (E-ZRP)
5	70	Sanjivani Ingle and K. Ghadle	Optimal solution for fuzzy assignment problem and applications
6	76	Umesh Pawar, Sunil Bhirud and Satish Kolhe	Light scattering study on protocols and simulators used in automotive application(s)
7	103	Smita Ponde and Santosh Lomte	An energy-efficient MAC protocols for wireless sensor networks
8	146	Yash Kumar Arora and Santosh Kumar	Statistical approach to predict road accidents in India

Session 3: RF & Embedded System

Venue: Class Room-A

Date: 10/01/2019

Time: 02:30 - 05:00

Session Chair : Dr. P. R. Prajapati (Ph.D.-IITR)

Sr. No	Paper ID	Authors	Paper Title
1	21	R.M. Autee, S. Kalyankar and Ulhas Shiurkar	Dynamic equivalent circuit for 4 KW switched reluctance motor
2	48	Mithun Aush and K. Vadirajacharya	FPGA based real time simulation of grid interaction using cascaded H-bridge multilevel inverter
3	53	A. Pathrikar and Dr. Rajkumar Deshpande	Design of power efficient 5 to 32 row decoder for 1 KB SRAM using VLSI Technology
4	78	D. Bhangari ,Dr. A C. Bhagali and Dr. R. V. Kshirsagar	An Experimental analysis & effect of microwave radiation to human brain cells and its ramification using different anti-radiation strips
5	96	Harshali Bapat, Vijaya Kamble and Maruti Tamrakar	Design of UWB monopole antenna using complementary stubs to get dual notch

Session 4: Information System & Evolutionary Computing

Venue: Peter Drucker Hall

Date: 10/01/2019

Time: 02:30 - 05:00

Session Chair : Dr. S. L. Nalbalwar(Ph.D.IITD) and Dr. B. B. Singh(Ph.D. IIT-BHU)

Sr. No	Paper ID	Authors	Paper Title
1	26	Anita Walde and Dr. Ulhas D. Shiurkar	Design and analysis of sign language gesture recognition as text: A redesigned artificial neural network approach
2	139	Rahulsingh G. Bisen, Dr. A. M. Rajurkar and Dr. R. R. Manthalkar	A State-of-the-Art on segmentation, detection and classification of liver tumours for designing a CAD System
3	36	Narendrakumar Dasre and Pritam Gujarathi	Approximating the bounds for number of partially ordered sets with n labeled elements
4	52	S. Mandal, Girish Kumar Singh and Anita Pal	Text summarization technique by sentiment analysis and Cuckoo search algorithm
5	56	Rahul Kumar Jain and Girish Kumar Singh	Clustering based hybrid approach for multiclass classification using SVM
6	69	P. Pathade, K. Ghadle and A. Hamoud	Optimal solution solved by triangular intuitionistic fuzzy transportation problem
7	73	M. Deshmukh, K. Ghadle and O. Jadhav	Optimal Solution of Fully Fuzzy LPP with Symmetric HFNs
8	111	Preeti Nitin Jain, Dinesh Kumar Gautam and Sunil K Surve	Resource Based Modelling of Applications on Multi-cores Using Adapted Tilman Model

Session 5: Computing in Mechanical Engineering

Venue: Class Room-B

Date: 10/01/2019

Time: 02:30 - 05:00

Session Chair : Dr. R. S. Pawade(Ph.D.-IITB) and Dr. H. N. Warathkar(Ph.D.-IITD)

Sr. No	Paper ID	Authors	Paper Title
1	14	Saurabh Vaidya, Santosh Bhosle and Prashant Ambad	DMAIC approach to improve carbon weighing compliance of banburry machine
2	85	D. Dharmadhikari and Dr.Sangram Helambe	Detection of dielectric properties of fluids using various techniques
3	94	Dipalee Bhuigad and D.S. Khedekar	A review on grinding machining for Al composites
4	98	Meera Randive,S. T. Dhande and M. Shende	Experimental investigation of diesel engine performance by using mixtures of diesel, bio diesel and zinc and copper oxide Nano particles
5	121	SubhashWaghmare,C. Sakhale, C. Tembhurkar and Sagar Shelare	Assessment of average resistive torque for human powered stirrup making process
6	125	V. Hase, Y. Bhalerao, S. Verma and V. Wakchaure	Automatic interacting hole suppression from CAD mesh models

Session 6 : Computing in Civil Engg. & Technology in Education

Venue: Class Room-B

Date: 11/01/2019

Time: 02:00 - 05:00

Session Chair : Dr. S. S. Jamkar(DrBAMU AWB) and Dr. A. P. Shesh(Ph.D. SRTMU NED)

Sr. No	Paper ID	Authors	Paper Title
1	40	Rakhi Nimbhore, Rahul Pandit and Dr. A. Wadekar	Comparative study of shear and flexural strength for various parameters on hardened high strength fibre reinforced concrete beam (HSFRC) for M70 and M80 grade
2	67	S K Kamane and Dr. N K Patil	Study of flexural behavior of artificially degraded steel <i>i</i> section externally bonded with GFRP, BFRP&CFRP by using FEM
3	32	Medha Kulkarni, Dr. Gurpreet Attal and Vaibhav Vasundekar	Evaluating effectiveness of AMFI campaigns: A study based on AIDA model
4	46	Dr.Jyoti Munde	Role of corporate mentoring in talent development
5	50	Sugandha Nandedkar and Jayantrao Patil	Feature – Opinion co-extraction based upon genuine score analysis

Session 7 : Cloud Computing & IoT

Venue: Edison Hall

Date: 11/01/2019

Time: 02:00 - 05:00

Session Chair : Dr. Vinit Kansal(Ph.D. IITK)

Sr. No	Paper ID	Authors	Paper Title
1	155	Tamizharasan P S and Ramasubramanian N	Enhancing GPU performance using thread geometry analysis for irregular workloads
2	161	A. Patil and Deepak Kshirsagar	An approach towards feature selection for detection of DDoS attack
3	163	R.Janbandhu, Ramasubramanian N and Shameedha Begum	Credit card fraud detection
4	167	Aparna S. Pande, Y V. Joshi and Manisha Joshi	Enhanced strict binary logical key hierarchy algorithm for secure group communication
5	183	S.Balasubramanian and Dr.T.Meyyappan	Game theory based offload and migration enabled smart gateway for cloud of things in fog computing
6	184	Vijay D. Chaudhari and Anil Patil	Prioritized ViU departure at traffic intersection using internet-of-things
7	12	Nedal Mohammed and Santosh Lomte	Secure and efficient outsourcing of large scale linear fractional programming

Session 8 : RF & Embedded System

Venue: Class Room-A

Date: 11/01/2019

Time: 02:00 - 05:00

Session Chair: Dr. P. R. Prajapati (Ph.D.-IITR)

Sr. No	Paper ID	Authors	Paper Title
1	118	Madhavi Pednekar, Aishwarya Kotian and Rutuja Shelar	Efficient & cost effective water quality testing system
2	138	J. Rajput, A.Nandgaonkar and Sanjay Nalbalwar	Design study and feasibility of hyperthermia technique
3	174	Sujata Mendgudle and M. Bhatia	2x2 Microstrip patch antenna array by using compact hybrid feed for Millimeter wave application
4	185	Harshali Zodpe	FPGA based High Performance Computing Platform for cryptanalysis of AES algorithm

Session 9 : Information system & Evolutionary Computing

Venue: Peter Drucker Hall

Date: 11/01/2019

Time: 02:00 - 05:00

Session Chair : Dr. S. L. Nalbalwar(Ph.D.IITD) and Dr. B. B. Singh(Ph.D. IIT-BHU)

Sr. No	Paper ID	Authors	Paper Title
1	88	Kanchan V Shende, M. R. Ramesh Kumar and K. V. Kale	Comparison of Neural Network Training Functions for prediction of Outgoing Longwave Radiation over Bay of Bengal
2	102	Naziya Parveen and P.N Kamble	Decision Making Problem using Fuzzy TOPSIS Method with Hexagonal Fuzzy Number
3	68	N. Madhusudhanan and R. Venkateswari	Doppler effect analysis for polar code based 5G Networks
4	162	Harshali B. Patil and Ajay S. Patil	A Hybrid Stemmer for the Affix Stacking Language: Marathi
5	86	Kirtee pardeshi, R.Sreemathy and Akshay Velapure	Indian Sign Language Recognition using Deep Learning
6	181	Dilip Mandloi and Rajeev Arya	Performance analysis of amplify and forward relay network over κ - μ channel
7	147	Savita Mohurle and Manoj Devare	A study of KNN classifier to predict water pollution index

Session 10: Computing in Mechanical Engineering

Venue: Sir C. V. Raman Hall

Date: 11/01/2019

Time: 02:00 - 05:00

Session Chair : Dr. R. S. Pawade(Ph.D.-IITB) and Dr. H. N. Warathkar(Ph.D.-IITD)

Sr. No	Paper ID	Authors	Paper Title
1	126	Sanjay Mowade, Subhash Waghmare, Sagar Shelare and Chetan Tembhurkar	Mathematical model for convective heat transfer coefficient during solar drying process of green herbs
2	140	Sachin Borse and M.S. Kadam	Experimental investigation of surface roughness in micromilling of Inconel 718 by fiber laser machine
3	151	V. Hase, Y. Bhalerao, G.Vikhe Patil and Mahesh Nagarkar	Intelligent threshold prediction for hybrid mesh segmentation through artificial neural network
4	164	Rameshwar Thote, Gajendra Gandhe and Durgesh Tupe	Flexural response of cantilever beam subjected to varying load by HSDT
5	175	Tejas Baliram Patil, SGK Manikandan, Yogesh Mangulkar and Pradip Gade	Microstructural and mechanical behaviour studies of dissimilar weld on TIG welding

Session 11: Skype Session

Venue: Multimedia Hall

Date: 11/01/2019

Session Chair: Dr. Abhay Gaikwad(Ph.D.-IITR) & Dr. Anil Karwankar(Ph.D.- BAMU, AWB)

Sr. No	Paper ID	Authors	Paper Title
1	17	Ambuj Chauhan and Dr. Rakesh Kumar	Bug Severity Classification using Semantic Features with Convolution Neural network
2	92	Renuka Agrawal, Jyoti Singh and S.M.Ghosh	Performance Appraisal of an Educational Institute Using Data Mining Techniques
3	150	Abhijith M, Bhukya Krishna Priya and Ramasubramanian N	Malware Detection in Android using Machine Learning on chip
4	156	Arushi Sharma, Charul Agrawal, Aditya Singh and Krishan Kumar	Real-time DDoS Detection based on Entropy using Hadoop Framework
5	158	Bhukya Krishna Priya and N. Ramasubramanian	SET-CMP: Improving the Lifetime of NVM Cache
6	173	Neethu MR and N Harini	Secure Request Response (SRR): A framework to classify trust/ distrust relationships in social networking
7	25	Bidyut B. Gogoi , Anita Kumari , Nirmala S and A.Kartik	IRNSS constellation optimization: A multi objective genetic algorithm approach
8	120	Deepika Nagthane and Archana M. Rajurkar	A New approach for Mammogram Classification Using Association Rules: To Make Breast Cancer History
9	136	Bhagya Presannan,N Ramasubramanian and A SanthanaVijayan	Disease Risk Prediction from Clinical Texts
10	153	Shivaji Karad and Dr. Ritula Thakur	Comparative analysis of Fractional order PID controller for pitch angle control of wind turbine system
11	29	A. Kumari, K. Kandukuri, U. Swami and A Kartik	Design and development of composite clock based reliable timing reference for IRNSS