



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes

List of Books and Chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during 2018-19.

Sr No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	Page No
1	Prediction of coal ash fusion temperatures using computational intelligence based models	Makarand Naniwadekar, Sanjeev Tambe	Chemical Engg	International Journal of Coal Science and Technology	2018-19	1
2	Prediction of Rate Constants of Photocatalytic Degradation of Pharmaceutical Pollutants by Artificial Intelligence based Genetic Programming Formalism	Tiwary, Shishir; Naniwadekar, Makarand; Sonolikar, Rupali; Bapat, Sanket	Chemical Engg	Current Environmental Engineering	2018-19	2
3	Synthesis and Influence of Feret diameter on particle morphology of activated carbon derived from agrowastes	Abhijit Jadhav, Govindaraj Thangaraj Mohanraj, Ashok Gokarn, Suseeladevi Mayadevi	Chemical Engg	Asian Journal of Materials Chemistry	2018-19	4

4	Distillery waste water (Spent wash) Biomethanation- Waste to energy generation	Rajendra Raut	Chemical Engg	International Journal of Advanced Research	2018-19	6
5	Life Cycle Cost Analysis of a Major Public Project	K N Kulkarni, et al	Civil Engineering	International Journal of Engineering Science Invention (IJESI)	2018-19	7
6	Development of a Mathematical Model using Correlation Regression Analysis on Traffic Management at Major Junctions in City	K N Kulkarni, Shubham Banthia, Rishabh Itkelwar, Nachiket Jadhav	Civil Engineering	International Journal of Engineering Science Invention (IJESI)	2018-19	8
7	Compressive strength of Polypropylene Fiber reinforced concrete	Shilpi Bhuinyan, K N Kukarni,S P Khedekar	Civil Engineering	IJMTE	2018-19	9
8	Comparative Study of Flexural Strength of GFRP Reinforced. beam with Steel Reinforced beam	Shilpi Bhuinyan, Noman Memon, Suyash Kataria, Ekta Chavan, Pranay Bogawat, Harsh Bora	Civil Engineering	International Journal of Innovative Research in Technology	2018-19	10
9	Effect of magnetic water on concrete	Shilpi Bhuinyan, Shubham Patil, Ajinkya Salunkhe, Komal Modak, Pranay Patil	Civil Engineering	international Journal of innovative Research in Technology	2018-19	11
10	Comparative Analysis of slag Sand with Partial Replacement to Fine Aggregate	Shilpi Bhuinyan.Shreyas Gundecha,Chetan Bhutada,Viraj Agarwal	Civil Engineering	International Journal of latest Technology in Engineering,Management and Applied Science	2018-19	12
11	Energy Dissipation in Buildings using Buckling Restrained Bracings	Dr. S R Parekar	Civil Engineering	International Research Journal of Engineering and Technology	2018-19	13
12	Study of Seismic performance of base isolated RCC structure using fibre reinforced elastomeric Isolator- A review	Gunjan Donode and M. V. Waghmare,	Civil Engineering	International Research Journal of Engineering and Technology	2018-19	14
13	Experimental investigation of compressive strength of composite GFRP double skin tubular column	Uttam R Awari and Prajot Vikas Dhadge	Civil Engineering	International Journal of Current Advanced Research	2018-19	15
14	Experimental investigation on bamboo reinforcement in curved beam	Uttam R. Awari and Chetan N. Bhatiwal	Civil Engineering	International Journal of Current Advanced Research	2018-19	16

15	Confinement of reinforced concrete column with UPVC	Uttam R. Awari and Dattaprasad H. Galphade	Civil Engineering	International Journal of Current Advanced Research	2018-19	17
16	Crack Detection for Civil Engineering Structures,	V N Patil	Civil Engineering	Journal of Advances and Scholarly Researches in Allied Education	2018-19	18
17	CFD Modeling of Flow over Stepped Spillway - A Review	P B Nangare	Civil Engineering	International Journal of Innovative Research in Technology	2018-19	19
18	Development of a Mathematical Model using Correlation Regression Analysis on Traffic Management at Major Junctions in City	K N Kulkarni	Civil Engineering	International Journal of Engineering Science Invention (IJESI)	2018-19	20
19	Study of Progressive Collapse Analysis of RCC Irregular Building	Megha Chiwande	Civil Engineering	Journal of Emerging Technologies and Innovative Research	Aug-23	21
20	DISEASE STATUS PREDICTION AND IDENTIFICATION	V V Waykule	Computer Engineering	International Journal of Advance Research in Engineering, Science & Technology	2018-19	22
21	Attribute based Storage to avoid duplicate files on cloud	V V Waykule	Computer Engineering	International Journal of Advance Research in Engineering, Science & Technology	2018-19	23
22	Social Post Analysis Using Naïve Bayes and Core NLP	A S Deokar	Computer Engineering	International Journal of Innovative Research in Research Engineering and Multidisciplinary Physical Sciences	2018-19	24
23	Hyper Parameters Tuning of N-gram evaluation based Machine Learning Model for Sentiment Analysis	DR. D. P. GAIKWAD	Computer Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2018-19	25
24	Novel Approach to recommend the places by using user's social media point of interest	DR.M.A.Pradhan	Computer Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2018-19	26
25	Comparative Study of Classification Algorithm on Heart Disease Dataset	DR.M.A.Pradhan	Computer Engineering	International Journal of Creative Research Thoughts (IJCRT)	2018-19	27
26	Binary Classifier For Prediction of Heart of Heart Disease Using Decision Tree	DR.M.A.Pradhan	Computer Engineering	International Journal of Creative Research Thoughts (IJCRT)	2018-19	28
27	An Improved Network-based Intrusion Detection System for Virtual Private Networks	Dr. S.V.Athawale	Computer Engineering	Journal of Information and Computing Science	2018-19	29

28	Real Time Heart Behavioral Informatics System using Internet of Things	N.R.Talhar	Computer Engineering	International Journal of Advance Research, Ideas and Innovations in Technolog	2018-19	30
29	Autonomous smart cart	Nilesh Devevkar, Jayant Jagtap	Computer Engineering	International Journal of Science and Advance Research in Technology	2018-19	31
30	Pothole detaction system for monitoring road and traffic conditions using IoT	Nilesh Devekar, Swapnil Damodar, Prajakta Shendkar, Wasim Mulani, Vaibhav Narde	Computer Engineering	International Journal for Innovative Research in Science & Technology	2018-19	32
31	User level sentiment analysis technique in one go on social network and e-commerce	Mohini Somvanshi, D P Gaikwad	Computer Engineering	Journal of Emerging Technologies and Innovative Research	208-19	33
32	Sensor-less vector speed control of induction motor drives using MRAS technique	S A Pande, A A Apte	Electrical Engineering	International Journal of Innovative Research in Technology	208-19	34
33	Musical instrumnt recognition using LPC and K-nearest neighbour classifier	R S Kothe, Dr D G Bhalke, Sonal Bhosale	Electronics and Telecommunication Engineering	International Journal of Research and Analytical Reviews	208-19	35
34	Online Analysis of Handwriting for Disease Diagnosis- A Review	SeemaKedar Dr. D S Bormane	Electronics and Telecommunication Engineering	International Journal of Engineering & Technology	208-19	36
35	Massive mimo: fundamentals and challenges for 5G	D S Boramne	Electronics and Telecommunication Engineering	Internatiuonal journal of creative research thoughts	208-19	37
36	An approach to predict hypertension based on handwritten manuscript	Kedar Seema1, Bormane D. S	Electronics and Telecommunication Engineering	Journal of Public Health Research & Development	208-19	38
37	Synthesis and characterization of curcumin loaded nano-emulsion	P D Baviskar	First Year Engineering	INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACY AND CHEMISTRY	208-19	39
38	Synthesis and Physicochemical properties of doped nano Oxides-dilute magnetic semiconductors	D.V. Nighot	First Year Engineering	Journal of Materials Science:Materials in Electronics	208-19	40
39	PH Dependent Self -Assembly of single-Pyrene-Armed Calix arene:Modulation and	V S Kalyani	First Year Engineering	Chemistry Select	208-19	41
	Complexation with p-Sulfonatocalix					

40	Numerical analysis of three lobe hydrodynamic journal bearing using CFD–FSI technique based on response surface evaluation	D. Y. Dhande, D. W. Pande & G. H. Lanjewar	Mechanical Engineering	Journal of Brazilian Society of Mechanical Sciences and Engineering	2018-19	42
41	Implementation of CFD–FSI Technique Coupled with Response Surface Optimization method for Analysis of Three-Lobe Hydrodynamic Journal Bearing	D. Y. Dhande, G. H. Lanjewar & D. W. Pande	Mechanical Engineering	Journal of The Institution of Engineers (India): Series C	2018-19	43
42	Multiphase flow analysis of hydrodynamic journal bearing using CFD coupled Fluid Structure Interaction considering cavitation	D.Y. Dhande , D.W. Pande	Mechanical Engineering	Journal of King Saud University - Engineering Sciences	2018-19	44
43	Exploring Biodynamic Response (Apparent Masses) of a Seated Human Body Exposed To External Excitation in Vertical Direction	Mangesh Phate, Pratik Gaikwad	Mechanical Engineering	International Journal of Industrial Engineering & Production Research	2018-19	45
44	Modeling and prediction of WEDM performance parameters for Al/SiCp MMC using Dimensional analysis and artificial neural network.	Mangesh R. Phate , Shraddha B. Toney	Mechanical Engineering	Engineering Science and Technology, an International Journal	2018-19	46
45	Analysis of Machining Parameters in WEDM of Al/SiCp20 MMC Using Taguchi based Grey-fuzzy Approach	Mangesh R. Phate, Shraddha B. Toney, and Vikas R. Phate	Mechanical Engineering	Modelling and Simulation in Engineering	2018-19	47
46	Taguchi Technique for Dry Sliding Wear Behavior of PEEK Composite Materials	S.Y. Gajjal, Aishwarya J. Unkule, P.S. Gajjal	Mechanical Engineering	Materials Today Proceedings	2018-19	48
47	Effect of Volute Tongue Clearance Variation on Performance of Centrifugal Blower by Numerical and Experimental Analysis	S R Patil S S Vadgeri	Mechanical Engineering	Materials Today Proceedings	2018-19	49
48	Static and Fatigue Analysis of Lathe spindle for Maximum Cutting Force	S R Patil S S Vadgeri	Mechanical Engineering	Materials Today Proceedings	2018-19	50
49	Study of Performance Parameters of Inclined Heat Pipe Fitted Window A/C System.	Dr. M. S. Deshmukh Dr. D. S. Deshmukh, Dr. M. R. Phate	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2018-19	51

50	Mathematical Model for Evaluation of Backpressure Effect of DPF On Performance Parameters of VCR 4S CI Engine	Dr. M. S. Deshmukh Dr. D. S. Deshmukh, Dr. M. R. Phate	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2018-19	52
51	Enhancement of VCR 4S Diesel Engine Performance and Emission Control Parameters by Improving Design of DPF.	Dr. M. S. Deshmukh Dr. D. S. Deshmukh, Dr. M. R. Phate	Mechanical Engineering	International Journal of Research and Analytical Review	2018-19	53
52	Experimental and finite element analysis on the steel fiber reinforced concrete beam under pure torsion.	S R Parekar, P V Deshmukh	Mechanical Engineering	Internatonal Journal of Research and Analytical Reviews	2018-19	54
53	Effect of variation in impeller diameters on performance of centrifugal blower	Sakshi Ghatkamble, S R patil	Mechanical Engineering	Journal of Engineering Research and Application	2018-19	55
54	Contact stress analysis of steel and composite spur gear pairs	B N Bakshe, S R Patil	Mechanical Engineering	International Journal of Advanced Technology and Engineering Exploration	2018-19	56
55	Experimental and numerical analysis of a load distribution along the length of contact in involute spline shaft	S B Patil, S R Patil	Mechanical Engineering	International Journal of Advanced Technology and Engineering Exploration	2018-19	57
56	Effect of flow distortion in inlet duct on the performance of centrifugal blower	K W Shirsath, S R Patil	Mechanical Engineering	International Journal of Research in Advent Technology	2018-19	58
57	Performance evaluation of a centrifugal blower for different rotational speeds of an impeller by numerical analysis	S M Naik, S R Patil	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2018-19	59
58	CFD analysis of a diffuser augmented wind turbine	Sagar Gade, P V Deshmukh	Mechanical Engineering	International Journal of Advance Research Ideas ad Innovations in technology	2018-19	60
59	Experimental identification of non-hysteresis algebraic force model of automotive hydraulic damper	C S Dharankar, M K Hada	Mechanical Engineering	International Journal of Vehicle Performance	2018-19	61
60	Modeling and analysis of assembly clearance by size and form tolerance in selective assembly using clustering algorithm	S V Chaitanya, A K Jevanantham	Mechanical Engineering	International Journal of Productivity and Quality Management	2018-19	62

61	Optimization Performance Parameters of OHNS Die Steel using Dimensional Analysis Integrated with Desirability Function	M R Phate	Mechanical Engineering	International Journal of Industrial Engineering & Production Research	2018-19	63
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