



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 2019-20

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	Year of publication	Page No.
1	Panduga Veena, Priya Gajjal	NA	Tribo-Parametric Influence in wear of dry sliding bearing material	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	1
2	N H Dhanaji, P S Gajjal	NA	Wear inside PGT of CNC bending machine during meshing due to line contact	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	2

3	D G Sorathiya, C S Dharankar	NA	Analysis of pendulum motion for harmonic base excitation	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	3
4	S K Joshi, M R Phate	NA	Analysis and optimixation pf a pitman arm	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	4
5	D Sahu, M R Phate	NA	Analysis of vibration impact on human arm using simulink based approch	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	5
6	P S Kamble, M R Phate	NA	Design and development of test rig for testing human vibratory model	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	6
7	Suyog Bhale, M R Phate	NA	Design and development of lower limb exoskeleton for rahabilitation	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	7

8	P M Yerolekar, C S Choudhaary	NA	Investigation of process parameters of deep drawn square cup for automotive applications	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	8
9	Saurabh Bedre, M P Bauskar	NA	Challenges and opportunities in composite railway sleepers	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	9
10	K P Kale, B D Bachchhav	NA	Tribological evaluation of nonasbestos brake pad materials	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	10
11	P S Kathamore, B D Bachchhav	NA	A Bio-based lubricant selection approach using Complex Proportional Assessment method	ICMESD 2020	International Conference on Mechanical Engineering For sustainable Development 2020	2019-20	11

12	Dr D Y Dhande	NA	Design and development of A multiple control enabled vaccum cleaning and wiping robot	ICMESD 2020	International Conference on Mechanical Engineering For sustainable Development 2020	2019-20	12
13	Dr D Y Dhande	NA	Effect of Free Stream Turbulence on Aerodynamic Performance of Wind Turbine Airfoil NACA 4415	ICMESD 2020	International Conference on Mechanical Engineering For sustainable Development 2020	2019-20	13
14	Dr D Y Dhande	NA	Blade Number Effects on the Performance of INSEAN E779A Marine Propeller in Cavitating Flow	ICMESD 2020	International Conference on Mechanical Engineering For sustainable Development 2020	2019-20	14
15	S R Patil, S T Chavan	NA	Experimental performance analysis of centrifugal blower for different impeller diameters	ICMESD 2020	Inetrnational Conference on Mechanical Engineering for Sustainable Development - 2020	2019-20	15

16	S R Patil, S T Chavan	NA	Experimental investigation of modified inlet duct on centrifugal blower performance	ICRADM 2020	International Virtual Conference on Recent Advancements in Design and Manufacturing	2019-20	16
17	M P Bauskar	NA	Implementation of lean management to sustain Quality and productivity in the office and the manufacturing Environment	ICRADM 2020	International Virtual Conference on Recent Advancements in Design and Manufacturing	2019-20	17
18	A V Waghmare , Ashok Pise	NA	Numerical modeling of latent heat storage for solar thermal application	ICRADM 2020	International Virtual Conference on Recent Advancements in Design and Manufacturing	2019-20	18
19	S V Chaitanya, D N Katkoria	NA	EGR Strategies for BSVI Norms to Reduce Nox in heavy Duty Natural Gas Engine	ICRADM 2020	International Virtual Conference on Recent Advancements in Design and Manufacturing	2019-20	19
20	P S Aglawe	NA	Deformity correction methods for fracture bone alignment : an overview	ICRADM 2020	International Virtual Conference on Recent Advancements in	2019-20	20

					Design and Manufacturing		
21	Dr.S.V. Athawale	Software Testing : 180+ Most Frequently asked Interview Questions with Answers	Nil	nil	nil	2019-20	21
22	Dr.S.V. Athawale	Technical Interview Programs For Core and Advance Java	Nil	nil	nil	2019-20	22
23	Dr.S.V. Athawale	Python Interview Questions with Answers	Nil	nil	nil	2019-20	23
24	Dr.S.V. Athawale	Robotic Process Automation	Nil	nil	nil	2019-20	24
25	Dr.S.V. Athawale	7 Ways To Create Your Own Success	Nil	nil	nil	2019-20	25
26	Sandip Chaudhari	Electric Power Transmission And Distribution	NA	NA	NA	2019-20	26
27	Sandip Chaudhari	Maintenance of Electrical Equipment	NA	NA	NA	2019-20	28
28	Sandip Chaudhari	Electrical Estimating And Contracting	NA	NA	NA	2019-20	30
29	Sandip Chaudhari	Utilization of Electrical Energy	NA	NA	NA	2019-20	32
30	Sandip Chaudhari	Power System –II	NA	NA	NA	2019-20	34
31	Sandip Chaudhari	Illumination Engineering	NA	NA	NA	2019-20	36
32	Sandip Chaudhari	Illumination Engineering	NA	NA	NA	2019-20	38

33	Sandip Chaudhari	High Voltage Engineering	NA	NA	NA	2019-20	40
34	Sandip Chaudhari	Drives and Control	NA	NA	NA	2019-20	42
35	Sandip Chaudhari	Industrial Drives and Control	NA	NA	NA	2019-20	44
36	Sandip Chaudhari	Utilization of Electrical Energy	NA	NA	NA	2019-20	46
37	Sandip Chaudhari	Electrical Substation Practices	NA	NA	NA	2019-20	48
38	Dr A B Patil	Coefficient estimates for a new subclass of meromorphic bi-univalent functions defined by Al-Oboudi differential operator Title of the Book - Advanced Mathematics Theory and Applications	NA	NA	NA	2019-20	50
39	Vishal Godase, Ashok Pise & Avinash Waghmare	NA	Development of the Latent Heat Storage System Using Phase Change Material with Insertion of Helical Fins to Improve Heat Transfer Rate	Advances in Electromechanical Technologies Select Proceedings of TEMT 2019	TEMT: International Conference on Emerging Trends in Electromechanical Technologies & Management	2019-20	51
40	K. N. Hendre & B. D. Bachchhav	Advances in Intelligent Systems and Computing	Screening of Organic Brake Pad Materials Using MADM Technique	Advanced Engineering Optimization Through Intelligent Techniques Select Proceedings of AEOTIT 2018	AEOTIT: International Conference on Advanced Engineering Optimization Through Intelligent Techniques	2019-20	52

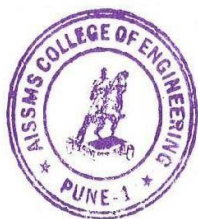
41	Dr D Y Dhande	NA	Experimental analysis of Hydrodynamic Journal Bearing	IJERT: NTASU 2020, Vol. 9, issue 3	Technical Advancements for Social Upliftments, TASU2020	2019-20	53
42	S. V. Chaitanya & A. K. Jeevanantham	ICRRM 2019 – System Reliability, Quality Control, Safety, Maintenance and Management	A New Approach to Control Assembly Variation in Selective Assembly Using Hierarchical Clustering	ICRRM 2019 – System Reliability, Quality Control, Safety, Maintenance and Management Applications to Civil, Mechanical and Chemical Engineering	ICRRM: International Conference on Reliability, Risk Maintenance and Engineering Management	2019-20	54
43	G B Narkhede, Satish Chinchani, S S Vadgeri and B S Rathod	IOP Conference Series: Materials Science and Engineering	Comparative evaluation of machining performance of inconel 625 under dry and cryogenic cutting conditions	IOP Conference Series: Materials Science and Engineering	2nd International Conference on Emerging trends in Manufacturing, Engines and Modelling (ICEMEM -2019) 23-24 December 2019, Mumbai, India	2019-20	55
44	D S Bormane, R B Kakkeri	NA	Role of surface electromyography in detection of temporomandibular joint disorders : An Overview	Proceedings of Research for a 67th International Conference Tokyo	NA	2019-20	56


45	A D Ratnaparkhi, D S Bormane	NA	Evaluation of rough set and fuzzy rough set models with application to multi attribute decision making	IEEE	NA	2019-20	57
46	D S Bormane	NA	Development of Algorithm for extraction of fetal from maternal ECG on benchmark database and Prototype development for Acquisition	IEEE	4th International Conference on Computing Methodologies and Communication	2019-20	58
47	S N Ohatkar, D S Bormane	LNEE	Bio-Inspired AI Optimization Techniques to Evaluate Data Rate and Minimize Interference in Cognitive Cellular Network	ICDSMLA 2019	Proceedings of the 1st International Conference on Data Science, Machine Learning and Application	2019-20	59
48	R Ritkarkar, D S Bormane	NA	HOG Based gesture to voice conversion system for Indian sign language using Rasberry Pi	NCIET2020	Online National Conference in Innovation in Engineering and Techmology 2020	2019-20	63

49	Vedant Digraskar, B A Patil	NA	HIIntelligent Agriculture System with Crop Selection Using IOT	NCIET2021	Online National Conference in Innovation in Engineering and Techmology 2021	2019-20	64
50	Ajinkya Gaddimme, D G Bhalke	NA	Text To Speech Synthesis In Celebrity's Voice	NCIET2022	Online National Conference in Innovation in Engineering and Techmology 2022	2019-20	65
51	Ingale Prafulla, Kirtimalini Chaudhari	NA	Distressed Positioning System Based on LoRa	NCIET2023	Online National Conference in Innovation in Engineering and Techmology 2023	2019-20	66
52	A N Katariya, Ankita Gupta	NA	Voice to Indian Sign Language conversion for hearing impaired people	NCIET2024	Online National Conference in Innovation in Engineering and Techmology 2024	2019-20	67
53	P S Patil, N P Mawale	NA	Water Level Monitoring and Leakage Detection System using LoRa	NCIET2025	Online National Conference in Innovation in Engineering and Techmology 2025	2019-20	68

54	Sanket Chavan, S P Bhosale	NA	Drone Surveillance System	NCIET2026	Online National Conference in Innovation in Engineering and Techmology 2026	2019-20	69
55	Mahesg Ghatе, V V Deshmukh	NA	Accident Detection and Monitoring Using Black Box	NCIET2027	Online National Conference in Innovation in Engineering and Techmology 2027	2019-20	70
56	Shruti Palsutkar, V S Navale	NA	Design of Human Hand Prosthesis	NCIET2028	Online National Conference in Innovation in Engineering and Techmology 2028	2019-20	71
57	Shruti Palsutkar, V S Navale	NA	Restaurant Waiter Robot	NCIET2029	Online National Conference in Innovation in Engineering and Techmology 2029	2019-20	72
58	Shruti Palsutkar, V S Navale	NA	Treatment of Greywater By Using Activated Carbon	NCIET2030	Online National Conference in Innovation in Engineering and Techmology 2030	2019-20	73
59	Amar Mahalankar, Y P Lad	NA	Electrical Bus Wireless Charging System	NCIET2032	Online National Conference in Innovation in Engineering and Techmology 2032	2019-20	74

60	S A Takalkar, D S Bormane	NA	Pesticide Spraying Quad Copter	NCIET2033	Online National Conference in Innovation in Engineering and Techmology 2033	2019-20	75
61	Pranali Jadhav, S B Dhekale	NA	IoT based Monitoring & Mapping of Absentee Visualization on the Shop-floor	NCIET2034	Online National Conference in Innovation in Engineering and Techmology 2034	2019-20	76
62	Rohan K , A Y Kazi	NA	Accident Detection and Reporting System	NCIET2035	Online National Conference in Innovation in Engineering and Techmology 2035	2019-20	77




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