



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

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List of Books and Chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during 2022-23.

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	Dr A V Mohod	360 Degree Waste Management, Fundamentals, Agricultural and Domestic Waste, and Remediation	Technological Developments in Energy Generation from Municipal Solid Waste	NA	NA	2022-23	1
2	Dr. M Y Naniwadekar	Introduction to Nanotechnology	NA	NA	NA	2022-23	2
3	Dr. M Y Naniwadekar	Fluid mechanics engineering	NA	NA	NA	2022-23	5
4	U A Awari	Structural Mechanics II	NA	NA	NA	2022-23	8

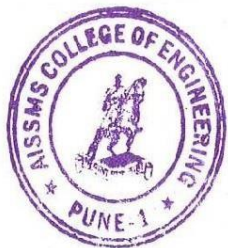
5	R D Nalawade	Research Methodology	NA	NA	NA	2022-23	9
6	V N Patil	NA	Plaxis 2D Numerical Analysis of Encased Stone Column in Soft Clay	Proceedings of Indian Geotechnical and Geoenvironmental Engineering Conference	Indian Geotechnical and Geoenvironmental Engineering Conference	2022-23	11
7	V N Patil	NA	Bearing Capacity of Geocell Reinforced Model Fly Ash Slope	Proceedings of Indian Geotechnical and Geoenvironmental Engineering Conference	Indian Geotechnical and Geoenvironmental Engineering Conference	2022-23	12
8	M V Waghmare	NA	Seismic Response of RC Elevated Liquid Storage Tanks Using Semi-active Magneto-rheological Dampers	Lecture Notes in Civil Engineering	International Conference on Advances in Construction Technology and Management 2021 (ACTM-2021)	2022-23	13
9	D V Wadkar	Groundwater and Water Quality	Application of Cascade Feed Forward Neural Network For Modelling of Coagulant Dose in a Drinking Water Treatment Plant: Comparative study	NA	NA	2022-23	14

10	D. P. Gaikwad, D. Y. Dhande, A. J. Kadam	Recent Advannces in Material Manufacturing and Machine Learning	Stacked classifier for network intrusion detection system	nil	nil	2022-23	15
11	Dr. S. F. Sayyad, Dr. V N Patil	Introduction to Data Science	Nil	nil	nil	2022-23	19
12	Mr M S Chaudhary	Electrical Machines-I (Gujrat Technological University)	NA	NA	NA	2022-23	21
13	Mr M S Chaudhary	Electrical System Design ,Management And Auditing (Mumbai University)	NA	NA	NA	2022-23	22
14	Mr M S Chaudhary	Illumination Engineering	NA	NA	NA	2022-23	24
15	Sandip Chaudhari	Electrical Power System –III	NA	NA	NA	2022-23	26
16	Sandip Chaudhari	Electrical Drives and Control	NA	NA	NA	2022-23	28
17	Sandip Chaudhari	Electrical System Design ,Management And Auditing (Mumbai University)	NA	NA	NA	2022-23	30
18	Sandip Chaudhari	Power System –I GTU	NA	NA	NA	2022-23	32
19	Sandip Chaudhari	Illumination Engineering	NA	NA	NA	2022-23	34
20	Sandip Chaudhari	Electrical Machines-I (Gujrat Technological University)	NA	NA	NA	2022-23	36
21	Dr Somnath B Dhonde	Digital Circuits	—	—	—	2022-23	38

22	Dr. P. D. Baviskar	Inorganic Chemistry I CH111	NA	NA	NA	2022-23	50
23	Dr. P. D. Baviskar	Organic Chemistry I CH112	NA	NA	NA	2022-23	52
24	Dr. P. D. Baviskar	Inorganic Chemistry II CH121	NA	NA	NA	2022-23	54
25	Dr. A B Patil	Sharp coefficient bounds and solution of the Fekete-Szego problem for a certain subclass of bi-univalent functions associated with the Chebyshev Polynomials (Title of the Book - Advances in Mathematical Analysis and its applications)	NA	NA	NA	2022-23	56
26	Dahake, M.R., Malkhede, D.N.	Lecture Notes in Mechanical Engineering	Experimental Exploration of Effect of Hydrogen Enrichment on the Performance and Emissions of Dual Fuel Diesel Engine Equipped with CRDI by Varying Injection Duration	Recent Trends in Thermal Engineering: Select Proceedings of ICAST 2020	International Conference on Advances in Sustainable Technologies	2022-23	57
27	Priya Gajjal & Shekhar Gajjal	Lecture Notes in Mechanical Engineering	Investigations of Wear Behavior of Journal Bearing Materials	Recent Trends in Industrial and Production Engineering Select Proceedings of ICAST 2020	ICAST: International Conference on Advances in Sustainable Technologies	2022-23	58

28	Dr Dandawate V S	NA	Role of DOAJ in promoting open access in India	Envisioning Digital Transformation in Libraries for NextGen Academic Landscape	Caliber International Conference	2022-23	59
29	S A Chavan, N U Mate, A A Manchalwar	NA	Seismic Behavior of Regular and Vertically Irregular Reinforced Concrete Building by 3D and MDOF Models	Proceedings of 17th Symposium on Earthquake Engineering	17th Symposium on Earthquake Engineering	2022-23	60
30	Vandana Navale, Parth Gaware	NA	Hand driven based virtual mouse and keyboard	NCIET 2023	National Conference on Innovation in Engineering and Technology 2023	2022-23	65
31	V D Nagrale, Shruti Gadhave	NA	Digital signage mobile van	NCIET 2023	National Conference on Innovation in Engineering and Technology 2024	2022-23	66
32	Y P Lad, Himalay Khachane	NA	Multi banking ATM system services using biometrics	NCIET 2023	National Conference on Innovation in Engineering and Technology 2025	2022-23	67
33	Vijay Amble, Kirtimalini Chaudhari	NA	Custom object distance and size analysis using compure vision	NCIET 2023	National Conference on Innovation in Engineering and Technology 2026	2022-23	68
34	Yogita Lad, Diya Vora	NA	IoT based sanitary napkin vending machine	NCIET 2023	National Conference on Innovation in Engineering and Technology 2027	2022-23	69

35	Vipin Gawai, Nikita Patil	NA	Crop monitoring and analysis robot using IoRT	NCIET 2023	National Conference on Innovation in Engineering and Technology 2028	2022-23	70
36	P P Vast, Pramila Bansode	NA	IOT based system to avoid wastage of fruits	NCIET 2023	National Conference on Innovation in Engineering and Technology 2029	2022-23	71
37	Dr D Y Dhande	NA	Machine Learning-Based Weather Prediction for Management of Renewable Energy	ICGE 2023	International Conference on Green Energy 2023	2022-23	72




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