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Shri Balasaheb Mane Shikshan Prasarak Mandal's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**

**Address :** Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

**Phone :** (0230) 2407740, 2407760 **Fax :** (0230) 2407750 **Email :** director@amgoi.edu.in **Website :** www.amgoi.org

**Approved by :** AICTE, New Delhi No. F-No. MS ( NewInt ) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. **Affiliated to :** Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

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Date :

**Research Papers Published in Journals (A.Y. 2022-23)**

Sr. No	Title of Paper	Name of the author/s	Department	Name of Journal	ISSN Number
1	High early strength concrete with binary and ternary blended cement	Mr. S.A.Dopare	Civil	International journal of new media studies	2394-4331
2	A Replacement of Fibre Base Waste Fishnet Sheets to Asbestos to Minimize Environment Impact	Prof. J. A. Patil	Civil	IJRES Journal	2320-0847
3	Experimental Investigation of Self-compacting Concrete with Low Fines Supplementary Cementations Materials	Prof.J.M.Shinde	Civil	IJERA	248-9622,
4	Studies on Strength and Durability Properties of Low Fines Self-Compacting Concrete with Mineral Admixture Replacement	Prof.J.M.Shinde	Civil	GRADIVA JOURNAL	0363-8057
5	A Literature Review: Estimates of Building by Software Based Techniques	Prof.J.M.Shinde	Civil	JETIR Journal of Emerging Technologies and Innovative Research	2349-5162
6	Green Audit in Nanasheh Mahadik College of Engineering, Peth	Prof.H.M.Bhosale	Civil	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653
7	The Use of Permeable Concrete for Making of Pavement Blocks	Prof.H.M.Bhosale	Civil	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653
8	Soil Stabilization by Using Lime and Fly Ash at	Prof.H.M.Bhosale	Civil	International Journal for Research in	2321-9653

	Ahirwadi			Applied Science & Engineering Technology (IJRASET)	
9	Design and Development of a Low-Cost Wastewater Treatment Plant for the NMCE Campus	Prof.H.M.Bhosale	Civil	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9654
10	Use of artificial intelligence to protect structure	Prof.G.N. Chavan patil	Civil	IJIERT	394-369
11	Amazon EC2 Price Prediction Using Machine Learning	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
12	Facial Image Restoration using Deep Learning	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research	2395-0056
13	Long Distance Object Detection using Deep Neural Network	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research	2349-5162
14	A Review on Hybrid Vigenere - Polybus Cipher with XOR operation for Enhanced Cryptography	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162,
15	A Thorough study on Frequent Pattern Mining on Online Social Networks using Graph	Prof. P. S. Powar	CSE	Science, Technology and Development Journal	2349-5162
16	Amazon EC2 Price Prediction Using Machine Learning	Prof. S.J.Vibhute	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
17	Cloud Data Centers Virtual Machine Optimization Based on User Needs	Prof. P. S. Powar	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	349-5162
18	Azure DevOps The Next Era of Application Life Cycle Management	Prof. P. S. Powar	CSE	International Journal of Computer Science and Mobile Computing	320-088X
19	A Review on Gender Classification and Age Detection Using Face Recognition	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
20	Food Discernment and callaries estimation using segmentation	Prof. S. S. Redekar	CSE	Journal of Emerging Technologies and Innovative Research (JETIR)	582-2160
21	A Survey on CV data extraction using Deep Learning	Prof. S. S. Redekar	CSE	Science, Technology and Development Journal	0950-0707,
22	Fingerprint based Gender Classification by using Fuzzy C	Prof. P. S. Powar	CSE	International Research Journal of	2395-0056

	- Means and Neural Network Model			Engineering and Technology (IRJET)	
23	Amazon EC2 Price Prediction Using Machine Learning Techniques	Prof. S.J.Vibhute	CSE	International Journal of Scientific Development and Research (IJS DR)	2349-5162
24	A Review on “IPFS Based Decentralized Social Media Platform”	Prof.V.D.Desai	CSE	International Journal of Computer Science and Mobile Computing	2320–088X
25	Amazon EC2 Price Prediction Using Machine Learning Techniques	Prof. S. S. Redekar	CSE	International Journal of Scientific Development and Research (IJS DR)	2349-5162
26	Facial Image Restoration using GAN Deep learning Model	Prof. S. S. Redekar	CSE	International Research Journal of Engineering and Technology (IRJET)	2395-0056
27	A Review on Crop Yield Prediction Using Random Forest, SVM & KNN	Prof.S.R.Patil	CSE	International Journal of Computer Science and Mobile Computing	320–088X
28	Underwater Image Enhancement Algorithm for Dehazing	Prof. S.J.Vibhute	CSE	International Journal of Research in Engineering and Sciences (IJRES)	320-9364
29	Precise E-mail Spam Classification Using Deep Learning	Prof. S. S. Redekar	CSE	International Journal of Computer Science Trends and Technology	2347-8578
30	A Review paper on sentiment Analysis Methodologies, Practices and Applications	Prof. S. S. Redekar	CSE	International Journal of Computer Science and Mobile Computing	2320–088X
31	Underwater Image Enhancement Algorithm for Dehazing	Prof. P. S. Powar	CSE	International Journal of Research in Engineering and Sciences (IJRES)	320-9364
32	Experimental validation of novel shade dispersion PV reconfiguration technique to enhance maximum power under PSCs	Mrs. V.K.Thombare	Electrical	CPSS Transactions on Power Electronics and Applications	2475-742X
33	Comparative Study of State Space Averaging and Pwm with Extra Element Theorem Techniques for Complex Cascaded Dc-Dc Buck Converter	Mrs.S.H.Shete	Electrical	Acta Polytechnical	2347-6982)
34	Analytical Techniques for DC-DC Converters and 1Φ Inverters: A Comprehensive Review	Mrs.S.H.Shete	Electrical	Journal of The Institution of Engineers (India): Series B	1827–1844
35	An economic/emission dispatch	Dr. H.T. Jadhav	Electrical	Materials Today:	1127-1162

	based on a new multi-objective artificial bee colony optimization algorithm and NSGA-II			Proceedings	
36	Effectiveness of supercapacitor during braking operation of electric vehicle	Dr. H.T. Jadhav	Electrical	Materials Today: Proceedings	
37	Review on automatic variable rate spraying systems based on orchard canopy characterization	Mrs.S.S.Patil	E&TC	Information & Automation	2713-3192
38	Preserving Privacy in mobile social Network by pernalization of fine grened spam filtering scheme	Mr. P. B. Ghewari	E&TC	International Journal of Inovative research in technology	2349-6002
39	Artery & vein classification in retinal Images using graph-based approach	Mr. P. B. Ghewari	E&TC	International Research Journal of Engineering and Technology (IRJET)	2395-0056
40	Convolution Neural Network for Leaf Disease Detection	Mrs.S.S.Patil	E&TC	International Journal of innovations in engineering research and technology {IJIERT}	2394-3696
41	Accident detection & traffic regulation using image processing	Mr. P. B. Ghewari	E&TC	International Journal of innovative research in technology	2456-4184
42	Survey paper on: Leave management system	Mrs.S.A.Bhosale	E&TC	Journal of Electronics and Optical Communication Engineering	
43	Review on a wearable health system towards monitoring COVID-19 and Chronic Disease	Mrs.S.V.Sagavkar	E&TC	International Journal of innovative research in engineering	2582-8746
44	Review on wireless voice-controlled ROBT	Mrs.S.V.Sagavkar	E&TC	International Research Journal of Engineering and Technology (IRJET)	2395-0056
45	Analysis of droplet size by image processing technique	Mr.D.J.Pawar	E&TC	Dickensian	0012-2440
46	Implementation Of Supply Chain Management and Investigation to Improve Productivity in Logistic Area	Mr.M.A.Sutar	Mechanical	International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211
47	Experimental Analysis and Investigation effect of DRA (Drag Reducing Agent) in liquid Hydrocarbon Pipelines	Mr.M.A.Sutar	Mechanical	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
48	Periodic Sturm-Liouville Problem Involving Transmission Condition	Pratiksha R Demanna	Applied Science	International Journal of Research and Analytical Reviews	2395- 0056,

## Research Papers Published in the International Conferences (A.Y. 2022-23)

Sr. No.	Title of the paper	Name of the Author/s	Department	Name of the Conference/ Proceedings of the Conference
1	Soil fertility improvement for water-logged agriculture land in the shirol region of Maharashtra by using the perforated pipe method	Mr.S.A.Dopare	Civil	INECTET 2023 (ISBN-978-93-91535-44-5)
2	Characterisation of Circuit Averaging technique based on literature and modelling of high order cascaded Dc-DC Buck Converter	Mrs.S.H.Shete	Electrical	International Conference on Recent Developments in Electrical and Power Engineering
3	A Review on Recent Trends in Charging Stations for Electric Vehicles	Mrs.V.K.Thombare	Electrical	International Conference on Robotics, Control and Computer Vision (ICRCCV-2022)
4	Detection and Estimation of Tree Canopy using Deep Learning and Sensor Fusion	Mrs.Seema S. Patil	E&TC	2023 International Conference for Advancement in Technology (ICONAT)
5	Performance Evaluation of Canopy Detection Methods Using Deep Learning	Mrs.Seema S. Patil	E&TC	International Conference on 6G and Wireless Network Technologies
6	Development of Cost-Effective Precision Spraying Techniques Using Sensor Technology	Mrs.Seema S. Patil	E&TC	2nd International Conference for Innovation in Technology (INOCON) Bangalore, India
7	A Review on Speech-based Approach in Emotion Recognition	Mr.S.A.Bhosale	E&TC	International Conference on 6G and Wireless Network Technologies
8	A Review on Face Emotion Recognition Using EEG Features & Facial Features	Mr.S.A.Bhosale	E&TC	1st International Conference on Cognitive Computing & Engineering Education
9	Assessment of Advanced Variable	Mrs.Seema S. Patil	E&TC	43rd World

	Rate Pesticide Spraying Technologies			Conference on Applied Science, Engineering & Technology
10	Mathematical Modeling and Analysis of Surface Roughness in Drilling of AISI 1055 Steel Using Response Surface Methodology	Dr. H. V. Shete	Mechanical	ICF-MET-2023-5th International e-Conference Frontiers in Materials Engineering and Nanotechnology
11	Effects of Welding Parameters on Mechanical Properties and Microstructure of TIG Welded Joints of AA4043	Dr. H. V. Shete	Mechanical	ICF-MET-2023-5th International e-Conference Frontiers in Materials Engineering and Nanotechnology