

**Number of research papers per teachers in the SCI/Scopus/Web of Science/Non SCI Journals**

Sr. No.	Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	2020-21	Optimized Mobility Management Protocol for the IoT Based WBAN with an Enhanced Security	Mrinai M. Dhanvijay	E&TC	Wireless Networks, Springer	Sept 2020, Issue Date January 2021	Electronic ISSN 1572-8196 Print ISSN 1022-0038	<a href="https://www.springer.com/journal/11276">https://www.springer.com/journal/11276</a>	<a href="https://doi.org/10.1007/s11276-020-02470-5">https://doi.org/10.1007/s11276-020-02470-5</a>	SCI
2	2020-21	Image Preprocessing Using OTSU Method On Pap Smear Images For Accurate Segmentation	Pratiksha Nandanwar	E&TC	Design engineering	Sept 2021		<a href="http://www.thedesignengineering.com/index.php/DE">http://www.thedesignengineering.com/index.php/DE</a>	<a href="http://thedesignengineering.com/index.php/DE/article/view/3704">http://thedesignengineering.com/index.php/DE/article/view/3704</a>	Scopus
3	2020-21	Image Resolution Enhancement of Satellite Images using dyadic integer coefficient wavelet filter for wavelet transform	P B Chopade,	E&TC	IT in Industry	March2021	2203-1731	<a href="https://it-in-industry.org/index.php/itii/article/view/225">https://it-in-industry.org/index.php/itii/article/view/225</a>	<a href="https://doi.org/10.17762/itii.v9i1.225">https://doi.org/10.17762/itii.v9i1.225</a>	Web of Science
4	2020-21	Credit Card Fraud Detection: A Comparative Study	Siddharth Shinde , Pravin Chavan , Dr. Mrs. K. S. Tiwari	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="http://iosrjen.org/pages/ACCET-2021Volume-1.html">http://iosrjen.org/pages/ACCET-2021Volume-1.html</a>	<a href="http://iosrjen.org/Papers/ACCET-2021/Series-1/2.%2016-20.pdf">http://iosrjen.org/Papers/ACCET-2021/Series-1/2.%2016-20.pdf</a>	UGC
5	2020-21	Microcontroller based Safety system for Railway workers”	S.S.Pansare, Rutuja Gaikwad, Rutuja Sable, Prajakta Rule	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="http://iosrjen.org/pages/ACCET-2021Volume-2.html">http://iosrjen.org/pages/ACCET-2021Volume-2.html</a>	<a href="http://iosrjen.org/Papers/ACCET-2021/Series-2/9,%2038-43.pdf">http://iosrjen.org/Papers/ACCET-2021/Series-2/9,%2038-43.pdf</a>	UGC
6	2020-21	HOME AUTOMATION AND SECURITY	P. N. KOTA	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="http://iosrjen.org/pages/ACCET-2021Volume-2.html">http://iosrjen.org/pages/ACCET-2021Volume-2.html</a>	<a href="http://iosrjen.org/pages/ACCET-2021Volume-1.html">http://iosrjen.org/pages/ACCET-2021Volume-1.html</a>	UGC
7	2020-21	RATIS(Rapid Automatic Tyre Inflation System)	P. N. KOTA	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="http://iosrjen.org/pages/ACCET-2021Volume-2.html">http://iosrjen.org/pages/ACCET-2021Volume-2.html</a>	<a href="http://iosrjen.org/pages/ACCET-2021Volume-1.html">http://iosrjen.org/pages/ACCET-2021Volume-1.html</a>	UGC
8	2020-21	SECURE FILE STORAGE IN CLOUD COMPUTING USING HYBRID CRYPTOGRAPHY ALGORITHM	P. N. KOTA	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="http://iosrjen.org/pages/ACCET-2021Volume-2.html">http://iosrjen.org/pages/ACCET-2021Volume-2.html</a>	<a href="http://iosrjen.org/pages/ACCET-2021Volume-1.html">http://iosrjen.org/pages/ACCET-2021Volume-1.html</a>	UGC
9	2020-21	”Smart Drainage Solutions for Industries”.(Best Paper)	U.V.Bomble	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719 pp 33-37	<a href="http://iosrjen.org/pages/ACCET-2021Volume-2.html">http://iosrjen.org/pages/ACCET-2021Volume-2.html</a>	<a href="http://iosrjen.org/pages/ACCET-2021Volume-1.html">http://iosrjen.org/pages/ACCET-2021Volume-1.html</a>	UGC
10	2020-21	Dimensional Fault Detection using Machine Vision	Aparna Dhavlikar, Pranoti P. Mane, Amjad Ali Kudsi, Shivam Rai, Rohit Adale, Shivam	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf">https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf</a>	<a href="https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf">https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf</a>	UGC

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11	2020-21	Dimensional Fault Detection using Machine Vision	Pranoti P. Mane, Amjad Ali Kudsi, Shivam Rai, Rohit Adale, Shivam Shravgi	E&TC	The International Organization of Scientific Research (IOSR)	2021	ISSN(Online) : 2250-3021.ISSN(Print) : 2278-8719	<a href="https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf">https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf</a>	<a href="https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf">https://iosrjen.org/Papers/ACCET-2021/Series-1/12,%2071-77.pdf</a>	UGC
12	2020-21	Interfacng of Sensors with FPGA Board Using I2c Protocol	Sangram Sawant, Shubham Marathe, Swapnil Bagle , Prof. Kanchan Tiwari	E&TC	IOSR Journal of Engineering (IOSRJEN) 7th National Conference On Advancements in	2021	www.iosrjen.org ISSN (e): 2250-3021, ISSN (p): 2278-8719 Special Issue    September 2021    PP	www.iosrjen.org		UGC
13	2021-22	Energy aware MAC protocol with mobility management in wireless body area network	Mrinai M. Dhanvijay	E&TC	Peer-to-Peer Networking and Applications, Springer	01-10-21	Electronic ISSN 1936-6450 Print ISSN 1936-6442	<a href="https://www.springer.com/journal/12083">https://www.springer.com/journal/12083</a>	<a href="https://doi.org/10.1007/s12083-021-01229-9">https://doi.org/10.1007/s12083-021-01229-9</a>	SCI
14	2021-22	“Human emotion recognition based on block patterns of image and wavelet transform	Dr. Prabhakar N. Kota	E&TC	International Journal of Advanced Technology and Engineering Exploration	4Oct2021	2394-7454	<a href="https://www.accentsjournals.org/indexing_ijate.php?journalsId=110">https://www.accentsjournals.org/indexing_ijate.php?journalsId=110</a>	<a href="https://www.accentsjournals.org/PaperDirectory/Journal/IJATEE/2021/10/10.pdf">https://www.accentsjournals.org/PaperDirectory/Journal/IJATEE/2021/10/10.pdf</a>	Scopus
15	2021-22	Reduction of reflection and defect detection for metallic jobs using Superresolution Method on Hardware platform	Dr. P. B. Chopade	E&TC	Turkish Online Journal of Qualitative Inquiry	2july2021	5861–5872	<a href="https://tojqi.net/index.php/journal/aims_and_scope">https://tojqi.net/index.php/journal/aims_and_scope</a>	<a href="https://www.tojqi.net/index.php/journal/article/view/7004">https://www.tojqi.net/index.php/journal/article/view/7004</a>	Scopus
16	2021-22	“Human emotion recognition based on block patterns of image and wavelet transform	Dr. P. B. Chopade	E&TC	International Journal of Advanced Technology and Engineering Exploration	4Oct2021	2394-7454	<a href="https://www.accentsjournals.org/indexing_ijate.php?journalsId=110">https://www.accentsjournals.org/indexing_ijate.php?journalsId=110</a>	<a href="https://www.accentsjournals.org/PaperDirectory/Journal/IJATEE/2021/10/10.pdf">https://www.accentsjournals.org/PaperDirectory/Journal/IJATEE/2021/10/10.pdf</a>	Scopus
17	2021-22	Human off Angle IRIS Liveness Detection Based on Fusion of DCT and Zernike Moments	S.N.Dharwadkar	E&TC	International Journal of Computing and Digital Systems	31Jan2022	2210-142X		<a href="https://journal.uob.edu.bh/handle/123456789/4255?show=full">https://journal.uob.edu.bh/handle/123456789/4255?show=full</a>	scopus
18	2021-22	Image Resolution Enhancement of Satellite Images using dyadic integer coefficient wavelet filter for wavelet transform	Dr. Prabhakar Kota	E&TC	IT in Industry	15March2021	2203-1731	<a href="https://it-in-industry.org/index.php/itii/article/view/225">https://it-in-industry.org/index.php/itii/article/view/225</a>	<a href="https://doi.org/10.17762/itii.v9i1.225">https://doi.org/10.17762/itii.v9i1.225</a>	Web of Science
19	2021-22	Reduction of reflection and defect detection for metallic jobs using Superresolution Method on Hardware platform	Dr. Prabhakar N. Kota	E&TC	Turkish Online Journal of Qualitative Inquiry	2July2021	5861–5872	<a href="https://tojqi.net/index.php/journal/aims_and_scope">https://tojqi.net/index.php/journal/aims_and_scope</a>	<a href="https://www.tojqi.net/index.php/journal/article/view/7004">https://www.tojqi.net/index.php/journal/article/view/7004</a>	Scopus
20	2022-23	TEMPERATURE BASED FAN SPEED CONTROL	Dr. K.S. Tiwari et. al.	E&TC	IJIRT	2022-23	2349-6002	<a href="https://ijirt.org/Article?manuscript=156863">https://ijirt.org/Article?manuscript=156863</a>		
21	2022-23	AN IOT BASED SMART MIRROR USING RASPBERRY PI WITH NEWS AND TEMPERATURE	Dr. K.S. Tiwari et. al.	E&TC	IJIRT	2022-23	2349-6002	<a href="https://ijirt.org/Article?manuscript=156862">https://ijirt.org/Article?manuscript=156862</a>		
22	2022-23	Design of Battery Management System in Electric vehicle”	Prof. Sukruti Shyamsundar Taori	E&TC	International Research Journal of Engineering and Technology (IRJET)	2022-23	e-ISSN: 2395-0056 p-ISSN: 2395-0072	<a href="https://www.irjet.net/archives/V9/i1/IRJET-V9I1249.pdf">https://www.irjet.net/archives/V9/i1/IRJET-V9I1249.pdf</a>		

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23	2023-24	Competitions on Fuzzy Mixed Greaph and its Applications in Countries for Health and Disaster	Pranoti P. Mane	E&TC	International Journal of Fuzzy ogic and Intelligent Systems	June 25, 2024	Vol 24, No.2 pp.93-104	<a href="https://www.ijfis.org/main.html#n">https://www.ijfis.org/main.html#n</a>	<a href="https://doi.org/10.5391/IJ">https://doi.org/10.5391/IJ</a>	Web of Science (WoS) - SCOPUS indexed
24	2023-24	Convolutional Neural Networks for Early Detection and Classification of Alzheimer's disease from MRI Images	Pranoti P. Mane	E&TC	Journal of ElectricalSystems ISSN:1112-5209 Scopus Indexed	2024	Vol 20, No. 3s(2024) pp.654-662	<a href="http://journal.esrgroups.org">http://journal.esrgroups.org</a>	<a href="https://doi.org/10.52783/jes.1350">https://doi.org/10.52783/jes.1350</a>	Web of Science (WoS) Journal of Electrical Systems (JES)
25	2023-24	Support Vector Machine Approaches for Tumor Classification and Survival Prediction in Cancer Patients: A Multi-Omics Data Analysis	Pranoti P. Mane	E&TC	Journal of ElectricalSystems ISSN:1112-5209 Scopus Indexed	2024	Vol.20 No.3s(2024) pp.673-681	<a href="http://journal.esrgroups.org">http://journal.esrgroups.org</a> ISSN: 1112-5209	<a href="https://doi.org/10.52783/jes.1353">https://doi.org/10.52783/jes.1353</a>	Web of science Journal of Electrical Systems (JES)
26	2023-24	Gene Expression Data Classification Using Machine Learning with SigFeature: A Novel Significant Feature Selection Method	Pranoti P. Mane	E&TC	International Journal of Intelligent Systems and Applications in Engineering (IJISAE) <a href="https://ijisae.org">https://ijisae.org</a>	24th March 2024	Vol.12 No.18s	<a href="https://ijisae.org">https://ijisae.org</a> International Journal of Intelligent Systems and Applications in Engineering (IJISAE) <a href="https://ijisae.org">https://ijisae.org</a> ISSN:2147-6799	<a href="https://ijisae.org/index.php/IJISAE/issue/view/123">https://ijisae.org/index.php/IJISAE/issue/view/123</a>	SCOPUS INDEXED
27	2023-24	An Improved Model for Plant Disease Analysis Using Attention Based Capsule Network	Chopade, P.B., Kota, P.N.,	E&TC	International Journal of Intelligent Engineering and Systems	May 2024, 17(5), pp. 12–21		<a href="https://oaji.net/articles/2023/3603-1723958830.pdf">https://oaji.net/articles/2023/3603-1723958830.pdf</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
28	2023-24	"An efficient disaster management system based on deep learning in bio-inspired wireless sensor network	Prabhakar N Kota, and P. B. Chopade	E&TC	", Engineering and Applied Science Research	Feb 2024, 51 (2), 152-163		<a href="https://ph01.tci-thaijo.org/index.php/easr/article/view/252483">https://ph01.tci-thaijo.org/index.php/easr/article/view/252483</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
29	2023-24	Optimized intelligent speech signal verification system for identifying authorized users”,	Prabhakar N Kota, and P. B. Chopade	E&TC	Engineering and Applied Science Research ,	Nov 2023, 50(6), pp. 525–537		<a href="https://ph01.tci-thaijo.org/index.php/easr/article/view/252462">https://ph01.tci-thaijo.org/index.php/easr/article/view/252462</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
30	2023-24	4-Port MIMO Antenna Diversity Analysis for 5GApplications”,	Chopade, P.B., Kota, P.N.,	E&TC	International Journal of Intelligent Systems and Applications in Engineering,	Vol. 11 No. 10 , July 2023, pp.385-396(12)		<a href="https://ijisae.org/index.php/IJISAE/article/view/3293">https://ijisae.org/index.php/IJISAE/article/view/3293</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
31	2023-24	“An Ensemble Learning Approach to Enhance Customer Churn Prediction in Telecom Industry	Wahul, R.M., Kale, A.P., Kota, P.N.,	E&TC and COMP	”, International Journal of Intelligent Systems and Applications in Engineering	, July 2023, 11(9s), pp. 258–266		<a href="https://www.ijisae.org/index.php/IJISAE/article/view/3116">https://www.ijisae.org/index.php/IJISAE/article/view/3116</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
32	2023-24	“IOT resource allocation and optimization using improved Reptile search algorithm	Prabhakar N Kota, and P. B. Chopade	E&TC	International Journal of Computer Networks & Communications (IJCNC)	Vol. 15, No. 4, July 2023, pp. 39-53(15)		<a href="https://airconline.com/abstract/ijcnc/v15n4/15423cnc03.html">https://airconline.com/abstract/ijcnc/v15n4/15423cnc03.html</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
33	2023-24	Lucy Richardson and Mean Modified Wiener Filter for Construction of Super-Resolution Image	Chopade, P.B., Kota, P.N.,	E&TC	International journal of electrical and computer engineering systems,	Vol. 14 No. 5, June 2023, pp. 517-526(10)		<a href="https://ijeces.ferit.hr/index.php/ijeces/article/view/2137">https://ijeces.ferit.hr/index.php/ijeces/article/view/2137</a>	Kota, Prabhakar N. - <a href="#">Author details - Scopus Preview</a>	Scopus
34	2023-24	An Advanced Encryption Algorithm for Enhancing Data Security in Cloud Computing	Dr. K. S. Tiwari	E&TC	Recent Advances in Electrical & Electronic Engineering	17-Jan-24		<a href="https://www.eurekaselect.com/article/137499">https://www.eurekaselect.com/article/137499</a>		Scopus

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35	2023-24	Cyber Security Challenges and Effective Security Measures for IOT-based Intelligent Healthcare Systems	Dr. K. S. Tiwari	E&TC	Recent Advances in Electrical & Electronic Engineering	31-01-2024		<a href="https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315">https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315</a>		Scopus
36	2023-24	Design of exact reduct rough set hardware accelerator for early-stage diabetes risk prediction	Dr. K. S. Tiwari	E&TC	<a href="#">Results in Control and Optimization</a>	2023		<a href="https://www.sciencedirect.com/science/article/pii/S2666720723001339">https://www.sciencedirect.com/science/article/pii/S2666720723001339</a>		Scopus
37	2023-24	Reversible Logic Gates and Applications – A Low Power Solution to VLSI Chips	Dr. K. S. Tiwari	E&TC	Mathematical Modelling of Engineering Problems	2024		<a href="https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315">https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315</a>		Scopus
38	2023-24	Design of exact reduct rough set hardware accelerator for early-stage diabetes risk prediction	Dr. R. S. Kadam	E&TC	<a href="#">Results in Control and Optimization</a>	2023		<a href="https://www.sciencedirect.com/science/article/pii/S2666720723001339">https://www.sciencedirect.com/science/article/pii/S2666720723001339</a>		Scopus
39	2023-24	Reversible Logic Gates and Applications – A Low Power Solution to VLSI Chips	Dr. R. S. Kadam	E&TC	Mathematical Modelling of Engineering Problems	2024		<a href="https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315">https://www.iieta.org/journals/mmep/paper/10.18280/mmep.110315</a>		Scopus
40	2023-24	Machine Learning Methods for Allocating Resources in Wireless Communication	Smita Tikar	E & TC	IEEE 9th International Conference for Convergence in Technology (I2CT), 2024	10-Jun-24		<a href="https://ieeexplore.ieee.org/document/10544278">https://ieeexplore.ieee.org/document/10544278</a>		Scopus
41	2023-24	A Hybrid Model by Combining Discrete Cosine Transform and Deep Learning for Children Fingerprint Identificati	Dr M P Dale	E&TC	(IJACSA) International Journal of Advanced Computer Science and Applications,	2023		<a href="https://thesai.org/Downloads/Volume14No1/Paper_86-A_Hybrid_Model_by_Combining_Discrete_Cosine_Transform.pdf">https://thesai.org/Downloads/Volume14No1/Paper_86-A_Hybrid_Model_by_Combining_Discrete_Cosine_Transform.pdf</a>		Scopus

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years (10)

Sr. 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	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	V. Kamble, M. Dale		Face recognition of children using AI classification approaches		2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021, 2021 (Scopus)	International	2020-21			Scopus
2	P. B. Chopade		Image Resolution Enhancement of Satellite Images using Dyadic Integer Coefficient Wavelet Filter for Wavelet Transform	Convergence of Smart Technologies (IC2ST)	Convergence of Smart Technologies (IC2ST)	International	2020-21	ISSN (Print): 2204-0595 ISSN (Online): 2203-1731	online	Aspire
3	P.P.Mane		"Dimensional Fault Detection using Machine Vision"	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	
4	P.N.Kota		Image Resolution Enhancement of Satellite Images using Dyadic Integer Coefficient Wavelet Filter for Wavelet Transform	Convergence of Smart Technologies (IC2ST)	Convergence of Smart Technologies (IC2ST)	International	2020-21	ISSN (Print): 2204-0595 ISSN (Online): 2203-1731	online	Aspire
5	U.V.Bomble		"Smart Drainage Solutions for Industries".(Best Paper)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN
6	Y.M.Ajgar		Speaking system for dumb and deaf using hand Gesture	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN
7	M. M. Dhanvijay		Email spam detection and filtering using Naive Bayes Algorithm	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN
8	P.D.Nandanwar		" Performance Analysis of Image Thresholding Methods On Cervical Cancer For Segmentation "	International Conference on Emerging Trends in Engineering and Technology (ICETET-2021)	International Conference on Emerging Trends in Engineering and Technology (ICETET-2021),Nashik	International	2020-21	ISBN 978-81 - 951120-3-6	SIT, Nashik	Institute For Engineering Research and Publications
9	A.A.Dhavlikar.		"Dimensional Fault Detection using Machine Vision"	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th NATIONAL CONFERENCE ON ADVANCEMENTS IN COMMUNICATION, COMPUTING AND ELECTRONICS TECHNOLOGY	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	
10	K.S.Tiwari		Credit Card Fraud Detection: A Comparative Study	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN

11	S.S.Pansare, Rutuja Gaikwad, Rutuja Sable, Prajakta Rule		Microcontroller based Safety system for Railway workers”	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN
12	Sangram Sawant, Shubham Marathe, Swapnil Bagle , Prof. Kanchan Tiwari		Interfacng of Sensors with FPGA Board Using I2c Protocol	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	7th National conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021)	National	2020-21	ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719	M. E. S College of Engineering, Pune	IOSR -JEN
13	V. Kamble, M. Dale		Deep Learning for Biometric Recognition of Children using Footprints		2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022, 2022	International	2021-22			Scopus
14	Ms.Pratiksha Nandanwar		Analysis of Pixel Intensity Variation By Performing Morphological Operations For Image Segmentation On Cervical Cancer Pap Smear Image		IEEE International Conference on Computational Intelligence and Computing Applications-21 (IEEE-ICCICA-21)26-27 November , 2021, Nagpur, INDIA	International	2021-22	978-1-6654-2040-2	G H RAISONI COLLEGE OF ENGINEERING , Nagpur, Maharashtra, INDIA	IEEE
15	Mrs.Aparna Kulkarni		Students attendance system using QR code		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.’s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.’s College of Engineering, Pune	
16	Mrs.Aparna Kulkarni		ITSM based virtual agent using Service now		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.’s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.’s College of Engineering, Pune	
17	Mrs.Aparna Kulkarni		Automated Inspection Line Light Intensity Controller.		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.’s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.’s College of Engineering, Pune	
18	Prof. S. S. Pansare		IoT Based Smart Mirror		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.’s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.’s College of Engineering, Pune	

19	Prof. S. S. Pansare		Smart Home Efficient Energy Management System Using Wireless Intelligent Electronic Control System		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
20	Prof. S. S. Pansare		Smart Plant Monitoring and Control System		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
21	Dr. Pranoti P. Mane		Voice Enabled Personal Assistant for Laptops using Python		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
22	Dr. Pranoti P. Mane		Implementation of Robotics chef and Food Quality Evaluation		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
23	Prof. U.D.Dattasamje		Design and Development of solar charging station for Electric vehicle		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
24	M. M. Dhanvijay		Spam mail detection		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
25	Bharati Narute	E&TC	Brain MRI-CT image fusion using Generative Adversarial Network	CVIP 2021	6Th IAPR International Conference Computer Vision and Image Processing 2021 organized by IIT Ropar, Punjab on 3-5 December 2021	International	2021-22		M. E. S.'s College of Engineering, Pune	Springer



26	Yogita Ajgar	E&TC	Key security challenges for women in Metaverse and solutions to overcome those challenges	ICGEWE 2022	International Conference on Gender Equality and Women Empowerment (ICGEWE-2022)held on 8 th March and 9th March 2022 at PVG COE ,Pune	International	2021-22	ISBN 978-93-90753-85-7	M. E. S.'s College of Engineering, Pune	
27	Yogita Ajgar	E&TC	Smart Stick For Blind People		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
28	Yogita Ajgar	E&TC	Real Time Face recognition Based Attendance System		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
29	Yogita Ajgar	E&TC	Helmet Detection and Number Plate Recognition using Machine Learning		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
30	Yogita Ajgar	E&TC	AI Based Soft Skill Training Web Application		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	
31	Priyanka Bagul	E&TC	Key security challenges for women in Metaverse and solutions to overcome those challenges	ICGEWE 2022	International Conference on Gender Equality and Women Empowerment (ICGEWE-2022)held on 8 th March and 9th March 2022 at PVG COE ,Pune	International	2021-22	ISBN 978-93-90753-85-7		
32	Priyanka Bagul	E&TC	RBSR : Rocker Bogie Surveillance Robot		8 th National Conference on Advancements in Communication, Computing and Electronics Technology organized by the Department of E&TC Engineering, M. E. S.'s College of Engineering, Pune on 19 th & 20 th April 2022.	National	2021-22		M. E. S.'s College of Engineering, Pune	



33	Priyanka Bagul	E&TC	E-Commerce Chatbot	TKD-22	IEEE TECHNICOKNOCKDOWN - 2022 organised by the Department of E&TC Engg, Sinhgad Institute of Technology, Lonavala Technically Sponsored by IEEE Bombay Section and IETE Pune Local Center Supported by IEEE SITSB & IETEISF on June 05, 2022.	National	2021-22			
34	DR. K. S. Tiwari		Defect Inspection of Coated CFRP structured based on Microwave split ring Resonator		6th IEEE International Conference on Emerging Smart Computing and Informatics IEEE ESCI- March 2024	International		<a href="https://doi.org/10.1109/esci59607.2024.10497317">10.1109/esci59607.2024.10497317</a>	Modern Education Society's COE, Department of Electronics and Telecommunication Engineering, Pune	IEEE
35	DR. K. S. Tiwari		Lung Cancer Prediction from CT Images and using Deep Learning Techniques,		Second International Conference on Trends in Electrical, Electronics, and Computer Engineering (TEECCON) 2023	International	2023	<a href="https://ieeexplore.ieee.org/document/10335801">https://ieeexplore.ieee.org/document/10335801</a>	Modern Education Society's COE, Department of Electronics and Telecommunication Engineering, Pune	IEEE
36	DR. K. S. Tiwari		A systematic survey on solar power forecasting using machine learning techniques		First International conference on Deep Learning, IoT, Drone Technologies, Smart cities, and Applications, 29-30 November 2023	International	2024	<a href="https://doi.org/10.1063/5.0227616">https://doi.org/10.1063/5.0227616</a>	Modern Education Society's COE, Department of Electronics and Telecommunication Engineering, Pune	AIP Conf. Proc. 3156, 020001 (2024)
37	Dr. M. M. Dhanvijay		E-Commerce Engineering Navigating Web Development Based Voice for Local	ICCCMLA	2023 IEEE 5th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA), Hamburg, Germany, 2023	International	2023	<a href="https://doi.org/10.1109/979-8-3503-3828-7">Electronic ISBN:979-8-3503-3828-7</a> <a href="https://doi.org/10.1109/979-8-3503-3829-4">Print on Demand(PoD) ISBN:979-8-3503-3829-4</a>	MESWCOE	IEEE

Number of books and chapters in edited volumes/books published -- Book Chapter													
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	National / International	month/year	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Web Link	Paid/Unpaid
1	S.N.Dharwadkar		Conjuntival Vasculature Liveness Detection Method		International conference on ISMAC in Computational method and Bio-Engineering	International	02Jan2019	2018-19	Print ISBN: 978-3-030-00664-8		Springer	<a href="https://link.springer.com/chapter/10.1007/978-3-030-00665-5_111">https://link.springer.com/chapter/10.1007/978-3-030-00665-5_111</a>	Unpaid
2	Mrinai M. Dhanvijay		CoAP based energy-aware cluster-based mobility management protocol in WBAN health care environment	International Symposium on 5G & Beyond for Rural Upliftment 2020	International Symposium on 5G & Beyond for Rural Upliftment 2020	International	July 2020	2020-21	EIBN:9788770222174		riverpublishers	<a href="https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770222174C7.pdf">https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770222174C7.pdf</a>	Unpaid
3	V. Kamble, M. Dale	Machine learning approach for longitudinal face recognition of children		Machine Learning for Biometrics: Concepts, Algorithms and Applications, 2022,			28 January 2022	2021-22			Scopus		Unpaid
4	Alka Bathatte, Manisha Dale, Rajesh Ghongade		ANFIS-based Cardiac Arrhythmia Classification		Advances in Deep Learning for Medical Image Analysis CRC Press (Taylor & Francis Group), 2022, PP. 1-18	International	27 April 2022	2021-22	Edition 1st Edition ; First Published 2022 ; Imprint CRC Press ; Pages 18 ; eBook ISBN 9781003230540.		Scopus	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003230540-1/anfis-based-cardiac-arrhythmia-classification-alka-barhatte-manisha-">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003230540-1/anfis-based-cardiac-arrhythmia-classification-alka-barhatte-manisha-</a>	Unpaid
5	M. M. Dhanvijay		Comparative Analysis and Simulation of Routing Protocols for Wireless Body Area Network		Lecture Notes in Mechanical Engineering, 2022, pp. 107–119		22April2022	2021-22					Unpaid
6	Dr. Pranoti P. Mane		Comprehensive Study of Brain Computer Interface(BCI) with emphasis on Signal Processing		<a href="https://mail.google.com/mail/u/0/?tab=rm&amp;ogbl#inbox/FMfcgzGqPpcnqwTfNnMBqSnWsjQshxG">https://mail.google.com/mail/u/0/?tab=rm&amp;ogbl#inbox/FMfcgzGqPpcnqwTfNnMBqSnWsjQshxG</a>		12 December 2022	2022	CRC Press, ISBN 9781032224701		<a href="https://www.amazon.in/Disruptive-Developments-Biomedical-Applications-Shinde/dp/1032224703/ref=sr_1_38?qid=1655107162&amp;refinements=p_27%3AParikshit+Mahalle&amp;s=books&amp;sr=1-38">https://www.amazon.in/Disruptive-Developments-Biomedical-Applications-Shinde/dp/1032224703/ref=sr_1_38?qid=1655107162&amp;refinements=p_27%3AParikshit+Mahalle&amp;s=books&amp;sr=1-38</a>	To be published	Unpaid

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years (10)

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	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Mrinai Dhanvijay	Mobile Communication				National	2019	ISBN 13 9789388897501	MESCOE	Nirali Prakashan