

Research Papers					
Sr. No.	Faculty Name	Title of the Paper	Journal Publisher / Conference details	Link to Paper	Year of publication
1	Geetanjali Kale, Anupam Patil, Pushkar Jain, Sameer Memon, Aniket Kulkarni, Aboli Marathe	Mars Imagery Classification: A Galactic Battle between Knowledge Transfer Networks and their Dual-Attention Armed Adversaries	IEEE	<a href="https://ieeexplore.ieee.org/document/9824518">https://ieeexplore.ieee.org/document/9824518</a>	2022
2	Bidwe Shraddha, Geetanjali Kale, and Ranjeet Bidwe	Traffic Monitoring System for Smart City Based On Traffic Density Estimation	Indian Journal of Computer Science and Engineering	<a href="http://www.ijcse.com/docs/INDJCSE22-13-05-006.pdf">http://www.ijcse.com/docs/INDJCSE22-13-05-006.pdf</a>	2022
3	Priyanka Shahane	Campus Placements Prediction & Analysis using Machine Learning	IEEE	<a href="https://ieeexplore.ieee.org/abstract/document/9758214">https://ieeexplore.ieee.org/abstract/document/9758214</a>	2022
4	Prof. Priyanka Shahane, Prutha Rinke, Taniksha Datar, Soham Badjate	Student's Career Interest Prediction using Machine Learning	International Research Journal of Engineering and Technology	<a href="https://www.irjet.net/archives/V9/i11/IRJET-V9I1175.pdf">https://www.irjet.net/archives/V9/i11/IRJET-V9I1175.pdf</a>	2022
5	Prof. Priyanka Shahane, Shantanu Jain, Vrushaket Chaudhari,	A Survey on Face Recognition Techniques in	International Journal of Scientific Research in	<a href="https://ijsrceit.com/paper/CSEIT228558.pdf">https://ijsrceit.com/paper/CSEIT228558.pdf</a>	2022

	Rushikesh Chuadhari, Tanvesh Chavan	Machine Learning	Computer Science, Engineering and Information Technology		
6	Prof. Priyanka Shahane, Seeyog Kapadne, Arsh Patne, Jahan Chaware	Comparative Analysis of Early Stage Cancer Detection Methods in Machine Learning	International Research Journal of Engineering and Technology	<a href="https://www.irjet.net/archives/V9/i11/IJET-V9I1124.pdf">https://www.irjet.net/archives/V9/i11/IJET-V9I1124.pdf</a>	2022
7	Prof. Priyanka Shahane, Devansh Choudhury, Ankit Kumar	A Comparative Study of Various Machine Learning Techniques for Brain Tumor Detection	International Research Journal of Engineering and Technology	<a href="https://www.irjet.net/archives/V9/i11/IJET-V9I11152.pdf">https://www.irjet.net/archives/V9/i11/IJET-V9I11152.pdf</a>	2022
8	Geetanjali Kale, Varsha Patil, Mousami Munot	A novel and intelligent vision-based tutor for Yogāsana: e-YogaGuru	Springer Berlin Heidelberg	<a href="https://www.springerprofessional.de/en/a-novel-and-intelligent-vision-based-tutor-for-yogasana-e-yogaguru/18627098">https://www.springerprofessional.de/en/a-novel-and-intelligent-vision-based-tutor-for-yogasana-e-yogaguru/18627098</a>	2021
9	Dr. Geetanjali. V. Kale, Anandkumar Rao	Enriching Dermatological Disease Detection Through Deep Learning	Design Engineering	<a href="#">Enriching Dermatological Disease Detection Through Deep Learning</a>	2021
10	Vedangi Wagh, Snehal Khandve, Isha Joshi, Apurva	Comparative study of long document	IEEE	<a href="https://ieeexplore.ieee.org/document/">https://ieeexplore.ieee.org/document/</a>	2021

	Wani, Geetanjali Kale, Raviraj Joshi	classification		<a href="https://doi.org/10.1007/978-3-030-95467-3_18">9707465?doi=</a>	
11	Rutuja Taware, Shraddha Varat, Gaurav Salunke, Chaitanya Gawande, Geetanjali Kale, Rahul Khengare, Raviraj Joshi	Shuftext: A simple black box approach to evaluate the fragility of text classification models	Springer	<a href="https://link.springer.com/chapter/10.1007/978-3-030-95467-3_18">https://link.springer.com/ chapter/10.1 007/978-3-0 30-95467-3_ 18</a>	2021
12	Madhuri S Wakode, Rajesh B Ingle	Blockchain-Ba sed Solutions for Various Security Issues in UAV-Enabled IoT	Unmanned Aerial Vehicles for Internet of Things (IoT) Concepts, Techniques, and Applications	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119769170.ch8">https://onlin elibrary.wile y.com/doi/ab s/10.1002/97 8111976917 0.ch8</a>	2021
13	Shital Subhashchandra Supase and Rajesh Baliram Ingle	A novel algorithm for secure and reliable coordinator election in distributed networks	International Journal of Advanced Technology and Engineering Exploration	<a href="https://www.accentajournals.org/paperInfo.php?journalPaperId=1380&amp;countPaper=426">https://www. accentsjourn als.org/paper Info.php?jou rnalPaperId= 1380&amp;count Paper=426</a>	2021
14	Amruta Supekar and Prof. Madhuri Wakode	Ripeness, Size and Shape based Automated Mango Grading using Image Processing and Machine Learning Techniques	Inpressco	<a href="https://inpressco.com/ripeness-size-and-shape-based-automated-mango-grading-using-image-processing-and-machine-learning-techniques/">https://inpres sco.com/ripe ness-size-an d-shape-base d-automated -mango-grad ing-using-im age-processi ng-and-mac hine-learnin g-techniques /</a>	2021
15	Madhuri S Wakode	Role of AI and Big Data Analytics in	Unmanned Aerial Vehicles for Internet of	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119769170.ch8">https://onlin elibrary.wile y.com/doi/ab</a>	2021

		UAV-Enabled IoT Applications for Smart Cities	Things (IoT) Concepts, Techniques, and Applications	<a href="https://doi.org/10.1002/9781119769170.ch11">s/10.1002/9781119769170.ch11</a>	
16	Priyanka Shahane	A Survey on Book Recommendation Systems	International Journal of All Research Education and Scientific Methods	<a href="http://www.ijaresm.com/a-survey-on-book-recommendation-systems">http://www.ijaresm.com/a-survey-on-book-recommendation-systems</a>	2021
17	Sudhakar Pandey, Pranali Navghare, Deepika Agrawal	Fuzzy Logic and Meta-heuristic Firefly Algorithm based Routing Scheme to Extend Network Lifetime of WSN	2021 2nd International Conference for Emerging Technology	<a href="https://ieeexplore.ieee.org/abstract/document/9456226">https://ieeexplore.ieee.org/abstract/document/9456226</a>	2021
18	Devashish Pradeep Khairnar, Rushikesh Balasaheb Karad, Apurva Kapse, Geetanjali Kale, Prathamesh Jadhav	Partha: A visually impaired assistance system	IEEE	<a href="https://ieeexplore.ieee.org/document/9137791">https://ieeexplore.ieee.org/document/9137791</a>	2020
19	Nilesh B Khankari, GV Kale	One Time Password Generation for Multifactor Authentication using Graphical Password	International Journal of Engineering Research and General Science	<a href="http://pnrsolution.org/Datcenter/Vol3/Issue5/60.pdf">http://pnrsolution.org/Datcenter/Vol3/Issue5/60.pdf</a>	2020
20	Sudip Mahajan, Geetanjali Kale, Adwait Bhawe	Object Detection Related to	International Journal of Future	<a href="http://sersc.org/journals/index.php/IJF">http://sersc.org/journals/index.php/IJF</a>	2020

		Construction Activity using Deep Learning	Generation Communication and Networking	<a href="http://www.gcn.com/article/view/28198">GCN/article/view/28198</a>	
21	Amruta Supekar, Madhuri Wakode	Computer vision based automated mango grading – a review	Journal Of Postharvest Technology	<a href="http://jpht.in/MenuScript/File/8c26187d-cae9-4f8e-9e49-22741dd90100.pdf">http://jpht.in/MenuScript/File/8c26187d-cae9-4f8e-9e49-22741dd90100.pdf</a>	2020
22	Madhuri S Wakode, Sunny Katiyar	A Survey On Visual Questioning Answering : Datasets, Approaches And Models	International Journal Of Scientific & Technology Research	<a href="https://www.semanticscholar.org/paper/A-Survey-On-Visual-Questioning-Answering-%3A-And-Katiyar-Wakode/a0881b665590ac2aba58a5b3b7db93c1c4f6af15#citing-papers">https://www.semanticscholar.org/paper/A-Survey-On-Visual-Questioning-Answering-%3A-And-Katiyar-Wakode/a0881b665590ac2aba58a5b3b7db93c1c4f6af15#citing-papers</a>	2020
23	Prajakta S. Kale, Prof. Kailash D. Kharat, Dr. Santosh K. Yadav	Lung Cancer Prognosis by Implementing Various Evolutionary Image Processing Steps	International journal of analytical and experimental modal analysis	<a href="http://www.ijaema.com/gallery/130-ijaema-september-4579.pdf">http://www.ijaema.com/gallery/130-ijaema-september-4579.pdf</a>	2020
24	Prajakta S. Kale, Prof. Kailash D. Kharat, Dr. Santosh K. Yadav	Binary Classification Of Lung Nodules Using Two Dimensional Neural Networks	Solid State Technology	<a href="http://solidstatetechnology.us/index.php/JSST/article/view/7422">http://solidstatetechnology.us/index.php/JSST/article/view/7422</a>	2020

25	G Kale, J Jawale, P Dhende, K Abak, H Koshti	Human Action Recognition on Real Time and Offline Data	International Journal of Intelligent Systems and Applications in Engineering	<a href="https://ijisae.org/index.php/IJISAE/article/view/838">https://ijisae.org/index.php/IJISAE/article/view/838</a>	2019
26	Ashutosh Kanitkar, Rutwik Kulkarni, Varun Joshi, Yash Karwa, Sanjyot Gindi, Geetanjali Kale	Automatic detection of cervical region from VIA and VILI images using machine learning	IEEE	<a href="https://ieeexplore.ieee.org/abstract/document/8919593">https://ieeexplore.ieee.org/abstract/document/8919593</a>	2019
27	Ashutosh Kanitkar, Varun Joshi, Yash Karwa, Sanjyot Gindi, GV Kale	Comparison of Machine Learning Algorithms for Cervical Abnormality Detection	IEEE	<a href="https://ieeexplore.ieee.org/document/8844926">https://ieeexplore.ieee.org/document/8844926</a>	2019
28	Shete Ruchika, and Geetanjali Kale	Smart Evaluation System	Journal of the Gujarat Research Society	<a href="http://gujaratresearchsociety.in/index.php/JGRS/article/view/59">http://gujaratresearchsociety.in/index.php/JGRS/article/view/59</a>	2019
29	Shital S Supase, Rajesh B Ingle	Are Coordinator Election Algorithms in Distributed Systems Vulnerable?	IEEE	<a href="https://ieeexplore.ieee.org/document/9225327">https://ieeexplore.ieee.org/document/9225327</a>	2019
30	Shital S Supase Rajesh B Ingle	Election-Quorum-Based Coordinator Election Algorithm for Distributed Systems	ICCET 2019, Springer AISC	<a href="https://link.springer.com/chapter/10.1007/978-981-32-9515-5_12">https://link.springer.com/chapter/10.1007/978-981-32-9515-5_12</a>	2019
31	Priyanka Shahane, Deipali Gore	Identification of Fake vs.	Journal of Emerging	<a href="https://www.jetir.org/view?">https://www.jetir.org/view?</a>	2019

		Real Identities on Social Media using Random Forest and Deep Convolutional Neural Network	Technologies and Innovative Research	<a href="#">paper=JETIR1907E12</a>	
32	Priyanka Shahane, Deipali Gore	Detection of Fake Profiles on Twitter using Random Forest and Deep Convolutional Neural Network	International Journal of Management, Technology And Engineering	<a href="https://app.box.com/s/pgwappj8b7otp2z458iovc84civd200m">https://app.box.com/s/pgwappj8b7otp2z458iovc84civd200m</a>	2019
33	Deshmukh Puja, Kale Geetanjali Vinayak	A survey of music recommendation system	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	<a href="https://ijsrceit.com/CSEIT1833657">https://ijsrceit.com/CSEIT1833657</a>	2018
34	P Deshmukh, G Kale	Music and Movie Recommendation System	International Journal of Engineering Trends and Technology	<a href="https://ijettjournal.org/archive/ijett-v61p229">https://ijettjournal.org/archive/ijett-v61p229</a>	2018
35	Prajakta S. Kale, Prof. Kailash D. Kharat, Dr. Santosh K. Yadav	A survey of music recommendation system	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	<a href="https://1library.net/document/zk3kx78y-a-survey-of-music-recommendation-system.html">https://1library.net/document/zk3kx78y-a-survey-of-music-recommendation-system.html</a>	2018

36	Priyanka Shahane, Deipali Gore	A Survey on Classification Techniques to Determine Fake vs. Real Identities on Social Media Platforms	International Journal for Research & Development in Technnology	<a href="https://www.ijrdt.org/full_paper/34925/20/A-Survey-on-Classification-Techniques-to-Determine-Fake-vs-Real-Identities-on-Social-Media-Platforms">https://www.ijrdt.org/full_paper/34925/20/A-Survey-on-Classification-Techniques-to-Determine-Fake-vs-Real-Identities-on-Social-Media-Platforms</a>	2018
37	V.H. Patil and G.V. Kale	Vision Based Monitoring System for Old Age Homes	International Journal of Circuit Theory and Applications	<a href="https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;url=https://serialsjournals.com/abstract/36312_71-v.h._patil.pdf&amp;ved=2ahUKEwjSrL7xvvb6AhUd1XMBHVvHD18QFnoECA8QAO&amp;usg=AOvVaw0ULt3V3kka dp20kc6AGA Px">https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;url=https://serialsjournals.com/abstract/36312_71-v.h._patil.pdf&amp;ved=2ahUKEwjSrL7xvvb6AhUd1XMBHVvHD18QFnoECA8QAO&amp;usg=AOvVaw0ULt3V3kka dp20kc6AGA Px</a>	2017
38	Madhuri S Wakode, R. Jadhav	Survey: sentiment analysis of twitter data for stock market prediction	International Journal of Advanced Research in Computer and Communication Engineering	<a href="https://scholar.google.com/scholar?cluster=3114400473736014739&amp;hl=en&amp;oi=scholar">https://scholar.google.com/scholar?cluster=3114400473736014739&amp;hl=en&amp;oi=scholar</a>	2017
39	Priyanka Shahane, Sneha Kasabe,Rohini Kasar, Manisha Navale	Ontology Based Information Retrieval System Using Multiple Queries For Academic Library	International Research Journal of Engineering & Technology	<a href="https://www.ijret.net/archives/V4/i5/IRJET-V4I5208.pdf">https://www.ijret.net/archives/V4/i5/IRJET-V4I5208.pdf</a>	2017



40	Vaishali Kandeekar, Priyanka Bagade, Dipali Garje, Prachi Nikam	Smart Question Answer System	Ierjournal	<a href="http://www.ierjournal.org/pupload/mdinfotechSmartQA.pdf">http://www.ierjournal.org/pupload/mdinfotechSmartQA.pdf</a>	2017
41	Geetanjali Vinayak Kale, Varsha Hemant Patil	A study of vision based human motion recognition and analysis	International Journal of Ambient Computing and Intelligence	<a href="https://arxiv.org/abs/1608.06761">https://arxiv.org/abs/1608.06761</a>	2016
42	Snehal Patil, Geetanjali Kale	Survey on gpu based linear solver	International Journal of Science Technology & Engineering	<a href="https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;url=http://www.ijste.org/articles/IJSTEV2I11148.pdf&amp;ved=2ahUKEwj-gq6Tx_6AhXGXWwGHWoTDWkQFnoECA8QAQ&amp;usg=AOvVaw3ilIqhCBhUJ0SgbtaSUI20">https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;url=http://www.ijste.org/articles/IJSTEV2I11148.pdf&amp;ved=2ahUKEwj-gq6Tx_6AhXGXWwGHWoTDWkQFnoECA8QAQ&amp;usg=AOvVaw3ilIqhCBhUJ0SgbtaSUI20</a>	2016
43	Prajakta Suhasrao Kale	A competent fusion true instance face recognition algorithm in Java milieu	IEEE	<a href="https://ieeexplore.ieee.org/abstract/document/7754450">https://ieeexplore.ieee.org/abstract/document/7754450</a>	2016
44	LS Khedekar, PS Kale	Strength of QR code over design and implementation of authentication system	IEEE	<a href="https://ieeexplore.ieee.org/abstract/document/7754571">https://ieeexplore.ieee.org/abstract/document/7754571</a>	2016
45	Priyanka Shahane, Sneha Kasabe, Rohini	Ontology Based Information	International Journal of Advanced	<a href="https://ijarece.com/upload/2016/december">https://ijarece.com/upload/2016/december</a>	2016

	Kasar, Manisha Navale	Retrieval System using Multiple Query	Research in Computer and Communication Engineering	<a href="#">-16/IJARCCE%2068.pdf</a>	
46	Priyanka P Kukade, Geetanjali Kale	Auto-scaling of micro-services using containerization	International Journal of Science and Research (IJSR)	<a href="https://www.ijsr.net/get_abstract.php?paper_id=SUB158576">https://www.ijsr.net/get_abstract.php?paper_id=SUB158576</a>	2015
47	Nilesh Khankari, Geetanjali Kale	Survey on one time password	International Journal of Computer Engineering and Applications	<a href="http://www.ijcea.com/survey-on-one-time-password/">http://www.ijcea.com/survey-on-one-time-password/</a>	2015
48	Geetanjali Kale; Varsha Patil	Bharatnāyam Adavu Recognition from Depth Data	IEEE	<a href="https://ieeexplore.ieee.org/document/7414774">https://ieeexplore.ieee.org/document/7414774</a>	2015
49	Priyanka P. Kukade and Geetanjali Kale	Survey of Load Balancing and Scaling approaches in cloud	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)	<a href="https://www.ijettcs.org/pabs/tract.php?vol=Volume4Issue1&amp;pid=IJETTCS-2015-02-25-100">https://www.ijettcs.org/pabs/tract.php?vol=Volume4Issue1&amp;pid=IJETTCS-2015-02-25-100</a>	2015
50	Priyanka R Chaudhari, Archana C. Lomte	Privacy-Preserving Public Authentication for Shared Data in Cloud	International Journal of Computer Applications	<a href="https://www.ijcaonline.org/archives/volume121/number21/21826-5078">https://www.ijcaonline.org/archives/volume121/number21/21826-5078</a>	2015

Book Chapters					
1	Rutuja Taware, Shraddha Varat, Gaurav Salunke, Chaitanya Gawande, Geetanjali Kale, Rahul Khengare, Raviraj Joshi	ShufText: A Simple Black Box Approach to Evaluate the Fragility of Text Classification Models, Machine Learning, Optimization, and Data Science.	Springer	<a href="https://doi.org/10.1007/978-3-030-95467-3_18">https://doi.org/10.1007/978-3-030-95467-3_18</a>	2022
2	Geetanjali V. Kale, Abhijit Banubakode, Kalyani Waghmare	Title of the book : Data Preprocessing, Active Learning, and Cost Perceptive Approaches for Resolving Data Imbalance  Chapter: Heterogeneous data Management in Smart Healthcare Systems: a Case Study	IGI Global	<a href="https://doi.org/10.1201/9781003335801">https://doi.org/10.1201/9781003335801</a>	2021
3	Geetanjali V. Kale and J. Jayanath	Book:Research Methodology: A Practical and Scientific Approach  Chapter: Introd uction to research (Chapter No. 1)	CRC Press (Taylor and Francis Group )	<a href="https://doi.org/10.1201/9781351013277">https://doi.org/10.1201/9781351013277</a>	2019

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Course/STTP/FDP Name	Duration	Date	Awarding Agency
Introduction to data science in Python	4 weeks course on	May 25, 2020	coursera
Grammar and Punctuation	4 weeks course on	May 23, 2020	coursera
AI for everyone	4 weeks course	May 26, 2020	coursera
Neural Networks and Deep Learning	with 95.7% course grade	March 23, 2018	coursera
Computer Vision Basics	4 weeks course	July 30, 2020	coursera
Python 3.4.3	Completed one-week program	April 27 <sup>th</sup> to 2 <sup>nd</sup> May 2020	IIT spoken tutorial
Moodle Learning Management System	Completed one-week program	26th May to 30 <sup>th</sup> May 2020	IIT spoken tutorial
Road map for patent creation	8-weeks course with Elite grade	Jan-Mar 2019	NPTEL
Introduction to Soft Computing	8-weeks course with Elite grade	Jan-Mar 2019	NPTEL
Introduction to Machine Learning	8-weeks course with Elite grade	Jul-Sep 2019	NPTEL
Blockchain and Machine Learning	One week	27th-31st July 2020	IBM
Deep learning using tensorflow	Two days FDP	17,18 January 2020	PICT in association with SPPU, Pune

Worked as session char for “Fundamentals of Data Structure”	One Day	03/07/2020	SPPU, Pune (PICT)
SE Computer Engineering Syllabus Revision workshop	One Day	04/1/2020	SPPU, Pune (Dr. D Y Patil Institute of Technology, Pune)
Covid - 19 Pandemic Awareness Quiz	-	5/11/2020	department of Computer Engineering, G.S. Moze College of Engineering
Python Programming Language	-	5/12/2020	Rajgad Dnyanpeeth Shri Chhatrapati Shivajiraje College of Engineering
COVID-19 Quiz Competition	-	4/24/2020	Trinity Academy of Engineering
Quiz on teaching methodology	-	June 02 <sup>nd</sup> 2020	MET’s Bhujawal City Nashik.
Attended IRISS 2019: 13th Inter-Research-Institute Student	2 days	February 06 <sup>th</sup> -07 <sup>th</sup> , 2019	Rajagiri School of Engineering & Technology, Kochi, Kerala, India
Attended three days conference on Grace Hopper Conference India -2018 at Bangalore		Nov. 6 <sup>th</sup> to 8 <sup>th</sup> 2019	<u>Bangalore International Exhibition Center (BIEC).</u>
Attended ACM Annual event Compute2019 at Kochi	1 day	February 08 <sup>th</sup> 2019	Rajagiri School of Engineering & Technology, Kochi, Kerala, India
ACM India Education Committee & iSIGCSE organized Workshop on Assessment in OBE-2019 at Goa	3 days	10 <sup>th</sup> to 12 <sup>th</sup>	ACM India, Goa University
One Day Workshop on "Learn How to Structure and Publish Scientific Contents"	1 day	February 14 <sup>th</sup> 2019	SKNCOE, Pune

Worked as sessions chair and reviewer for cPGCON	1 day		SPPU
Conducted expert session on Discrete Mathematics	1 Day		SPPU
<i>Attended the First Doctoral Symposium on Natural Computing Research (DSNCR-2020)</i>	1 Day	<i>2nd May, 2020</i>	SKNCOE, Pune