



**PUNE INSTITUTE OF COMPUTER TECHNOLOGY**

**Department of Computer Engineering**

**Research papers published during the year 2023-2024**

**Research Papers Published in Various Journals**

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
1	Dr. Geetanjali Kale	Evaluating Performances of Attention-Based Merge Architecture Models for Image Captioning in Indian Languages	International Journal of Image and Graphics(JOIG)	Volume: 11 Issue: 03	294-301	Sep-2023	2972-3973	Scopus
2	Dr. Geetanjali Kale Pravin Patil,	Comparative Analysis of Weighted Ensemble and Majority Voting Algorithms for Intrusion Detection in Open Stack Cloud Environments	SAI International Journal of Advanced Computer Science and Applications (IJACSA)	Volume: 14 Issue: 12	741-747	Dec-2023	2156-5570	Scopus
3	Dr. Geetanjali Kale Pravin Patil,	Boosting Attack Detection Capabilities in Multi-Tenant Distributed Systems via Meta- Ensemble Classifiers and Weighted Averaging	International Journal on Recent and Innovation Trends in Computing and Communication(IJRITCC)	Volume: 11 Issue: 09	1028 – 1033	Mar-2024	2321-8169	Scopus
4	Dr. Arati R Deshpande	Business Analytics using Predictive Algorithms	International Journal on Recent and Innovation Trends in Computing and Communication(IJRITCC)	Volume: 11 Issue: 08	595-609	Jul-2023	2321-8169	Scopus
5	Dr. Sheetal Sonawane	Vision-Based Multilingual Sign Language Translation	Springer	Volume: 04 Issue: 715	01-17	Sep-2023	2661-8907	Scopus
6	Prof. Sarang Joshi	Recommendations in Social Media Applications to ensure personification and safety using Machine Learning	International Journal on Recent and Innovation Trends in Computing and Communication(IJRITCC)	Volume: 11 Issue: 09	386-391	Aug-2023	2321-8169	Scopus
7	Dr. Sheetal Sonawane	Explicable knowledge graph (X-KG): generating knowledge graphs for explainable artificial intelligence and querying them by translating natural language queries to SPARQL	International Journal of Information technology(IJIT) Springer	Volume: 16 Issue: 01	1605-1615	Jan-2024	2511-2112	Scopus
8	Dr. Sheetal Sonawane	Formulation, Proposition and Application of Interval Semigraph	WSEAS Transactions on Computer Research	Volume: 12 Issue:	264-268	2024	1991-8755	Scopus
9	Dr. A.G.Phakatkar	Image Tagging using Modified Association Rule based on Semantic Neighbors	"International Journal on Recent and Innovation Trends in Computing and Communication" (IJRITCC)	Volume: 11 Issue: 08	279-289	Jun-2023	2321-8169	Scopus
10	Dr. Geetanjali Kale, Kimaya Urane	Domain Classification for Marathi blog articles using Deep learning	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	Volume: 11 Issue: 10	911-918	Oct-2023	2321-8169	Scopus



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Computer Engineering

Research papers published during the year 2022-2023

### Research Papers Published in Various Journals

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number /Issue	Year of Publication	ISBN/ ISSN No.	Publisher/ Indexing
11	Pooja Kohok, Dr. G P Potdar	Advancements in Legal Document Processing and Summarization	Computer Research and Development(CRD)	Volume: 24 Issue: 06	01-10	Jun-2024	1000-1239	Scopus
12	Pallavi Joshi	Turning Point Induced Knowledge Forecasting under Uncertainties (TriK)	The International Arab Journal of Information Technology (IAJIT)	Volume: 21 Issue: 02	226-232	Mar-2024	1683-3198	Scopus
13	Prof. Sarang Joshi	Integration Of Logical Features With Neural Networks For Controlled Vs Uncontrolled Fire Classification: A Comparative Study	Indian Journal of Computer Science and Engineering(IJCSE)	Volume: 14 Issue: 04	673-682	Aug-2023	0976-5166	Scopus
14	Dr. Kalyani Waghmare	PMFCC Features for Music Classification Using the Modified KNN Algorithm	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	Volume: 11 Issue: 09	4191-4195	Sep-2023	2321-8169	Scopus
15	Ratnamal a Paswan	Efficient Diagnosis of Acute Lymphoblastic Leukemia using Transfer Learning	International Journal of Intelligent Systems And Applications in Engineering (IJISAE)	Volume: 12 Issue: 19s	667-677	Feb-2024	2147-6799	Scopus
16	Dr. B. A. Sonkamble	A Traffic Path Recommendation Using Time Series Based Parameter	International Journal of Intelligent Systems And Applications in Engineering (IJISAE)	Volume: 12 Issue: 13s	721-734	Jan-2024	2147-67992	Scopus
17	Dr. G P Potdar	A Comprehensive Review of Sentiment Analysis on Indian Regional Languages: Techniques, Challenges, and Trends	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	Volume: 11 Issue: 9	93-110	Sep-2023	2321-8169	Scopus
18	Dr. B. A. Sonkamble	Predictive Recommendations for Diabetes using Ensemble Techniques with Model Explanations	International Journal of Intelligent Systems And Applications in Engineering (IJISAE)	Volume: 12 Issue: 19s	413-421	Aug-2023	2147-6799	Scopus
19	Dr. B. A. Sonkamble	Comparative Batch Normalized Approach of CNN for Rainfall Prediction	VDI-Z Integrierte Produktion	Volume: 10 Issue: 12	85-99	Nov-2023	0042-1766	Scopus
20	Madhuri Mane	A survey on traffic management & control system for Emergency Vehicles	Computer Research and Development(CRD)	Volume: Issue:	Accepted		1000-1239	Scopus



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Computer Engineering

Research papers published during the year 2022-2023

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number /Issue	Year of Publication	ISBN/ ISSN No.	Publisher/ Indexing
21	J. S. Mahajan	Musical Notes Classification and Recommendation Using Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 12 Issue: 06	2154-2161	June-2024	2321-9653	Peer Reviewed
22	J. S. Mahajan	Decentralized Cloud Storage System Using IPFS	International Journal of Innovative Research in Science, Engineering and Technology	Volume: 13 Issue: 06	70-76	June-2024	2319-8753	Peer Reviewed
23	Virendra Bagade	Smart Chatbot with Document Retrieval and Extractive Question Answering	PICT's International Journal of Engineering and Technology (PIJET)	Volume: 01 Issue: 01	51-65	Dec-2023	2584-2668	Peer Reviewed
24	Preeti A. Jain	Honeypots and Intrusion Detection: A Comprehensive Survey	High Technology Letters (HTL)	Volume: 30 Issue: 01	283-290	Jan-2024	1006-6748	Peer Reviewed
25	A. A. Deshpande	Graph Based Analysis to Detect Illegal Insider Trading :A Review	High Technology Letters (HTL)	Volume: 29 Issue: 11	306-310	Nov-2023	1006-6748	Peer Reviewed
26	A. G. Phakatkar	A Survey on Multimodal Recommendation System.	High Technology Letters (HTL)	Volume: 30 Issue: 02	01-10	Feb-2024	1006-6748	Peer Reviewed
27	N. Y. Kapadnis	Implementing an application to detect online harassment and abuse on social media platforms.	STARD Publication	Volume: 11 Issue: 03	99-101	Mar-2024	0039-2049	Peer Reviewed
28	N. Y. Kapadnis	Cloud Shield EHR using Cloud Computing and Blockchain.	Journal of Xidian University	Volume: 18 Issue: 04	1369-1372	Apr-2024	1001-2400	Peer Reviewed
29	N. Y. Kapadnis	Sentiment Analysis: Analyzing Emotional Tone in Text	Journal of Xidian University	Volume: 18 Issue: 04	658-661	Apr-2024	1001-2400	Peer Reviewed
30	D. D. Raigar	Survey on SQL Injection Attack Detection	STARD Publication	Volume: 11 Issue: 03	33 – 38	Mar-2024	0039-2049	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Computer Engineering

Research papers published during the year 2022-2023

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
31	Dipika D. Raigar	A Comprehensive Survey of ML- Based WAFs with Signature and Anomaly Detection	STARD Publication	Volume: 11 Issue: 04	54-59	Apr-2024	0039-2049	Peer Reviewed
32	Samadhan Walu Jadhav	A Survey on the Introduction to Blockchain Technology and its Application for Cryptocurrency.	Mukt Shabd Journal	Volume: XIII Issue: II	369-373	Feb-2024	2347-3150	Peer Reviewed
33	Urmila Shrikant Pawar	Unlocking Inclusive Interactive Experiences: A Smartphone-Sensor- Driven Approach to Transform Passive VR	Bulletin For Technology And History(BTH) Journal	Volume: 23 Issue: 12	184-189	Dec-2023	0391-6715	Peer Reviewed
34	Rutuja Abhijit Kulkarni	Hand Gesture-Based Security and Authentication System	Bulletin For Technology And History(BTH) Journal	Volume: 24 Issue: 1	385-388	Jan-2024	0391-6715	Peer Reviewed
35	Samadhan Walu Jadhav	Survey on Decentralized AI Marketplace using Blockchain	Journal of Emerging Technologies and Innovative Research(JETIR)	Volume: 10 Issue: 10	h526-h528	Oct-2023	2349-5162	Peer Reviewed
36	J. S. Mahajan	Musical Classification and Recommendation using Machine Learning	Mukt Shabd Journal	Volume: XIII Issue: I	871-875	Jan-2024	2347-3150	Peer Reviewed
37	J. S. Mahajan	Applications of GNN in Diverse Domains	Bulletin For Technology And History(BTH) Journal	Volume: 24 Issue: I	439-443	Jan-2024	0391-6715	Peer Reviewed
38	J. S. Mahajan	Survey Paper On Decentralised Cloud Storage Using IpfS	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume: 06 Issue: 02	213-219	Feb-2024	2582-5208	Peer Reviewed
39	J. S. Mahajan	Applications of GNN in Diverse Domains	Bulletin For Technology And History(BTH) Journal	Volume: 24 Issue: 02	158-162	Feb-2024	0391-6715	Peer Reviewed
40	Prof. Arundhati Atul Chandorkar	A Comprehensive Survey And Analysis Of Cross-Platform Technologies For Finance-Related Mobile Application Development	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume: 05 Issue: 10	2885-2889	Oct-2023	2582-5208	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Computer Engineering

Research papers published during the year 2022-2023

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
41	Dr. Mukta Sunil Takalikar	Language augmentation approach for code-mixed text classification	Natural Language Processing Journal		Volume: 05 Article 10042	Dec-2023	2949-7191	Peer Reviewed
42	Arundhati Chandorkar	Automated Assignment Assessment System (AAAS) using Language- Transformer	International Journal of Scientific Research in Engineering and Management (IJSREM)		Volume: 07 Issue: 12	Dec-2023	2582-3930	Peer Reviewed
43	Parag J. Jambhulkar	Empowering Candidates with Experience Sharing and Advanced Resume Screening A Comprehensive Survey	International Journal for Research in Applied Science & Engineering Technology (IJRASET)		Volume: 11 Issue: X	Oct-2023	2321-9653	Peer Reviewed
44	Parag J. Jambhulkar	Survey on Different Micro Services, Recommendation Modeland AI	International Journal for Research in Applied Science & Engineering Technology (IJRASET)		Volume: 11 Issue: XI	Nov-2023	2321-9653	Peer Reviewed
45	Prof. Sarang Joshi	Algorithm for Safety Decisions in Social Media Feeds Using Personification Patterns	Journal of Advances in Information Technology(JAIT)		Volume: 14 Issue: 01	Aug-2023	1798-2340	Peer Reviewed
46	Prof. Preeti A. Jain	A Survey on Network Intrusion Detection System using Machine Learning	Journal of Emerging Technologies and Innovative Research(JETIR)		Volume: 10 Issue: 11	Nov-2023	2349-5162	Peer Reviewed
47	P Navghare, N. Kapadnis D. Raigar	An MBS Model For Enterprise Security Using User and Entity Behavior Analytics	Mukt Shabd Journal		Volume: XII Issue: XII	Dec-2023	2347-3150	Peer Reviewed
48	Pooja Kohok	College Admission Prediction using Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)		Volume: 11 Issue: XI	Nov-2023	2321-9653	Peer Reviewed
49	Yogesh Handge	Blood Analysis Using Image Processing	Bulletin For Technology And History(BTH) Journal		Volume: 11 Issue: XI	Nov-2023	0391-6715	Peer Reviewed



# PUNE INSTITUTE OF COMPUTER TECHNOLOGY

## Department of Computer Engineering

### Research papers published during the year 2022-2023

50	Yogesh Handge	Image Piracy Detection on Social Media Platforms such as Instagram and Facebook	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 11 Issue: XI	1504-1508	Nov-2023	2321-9653	Peer Reviewed
----	---------------	---	--	-------------------------	-----------	----------	-----------	---------------

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
51	Yogesh Handge	Image Piracy Detection on Social Media Platform such as Instagram and Facebook	Journal of Emerging Technologies and Innovative Research(JETIR)	Volume: 11 Issue: 03	k456-k467	Mar-2024	2349-5162	Peer Reviewed
52	Rutuja A. Kulkarni	Hand Gesture-Based Security and Authentication System	Bulletin For Technology And History(BTH) Journal	Volume: 24 Issue: 01	385-388	Jan-2024	0931-6715	Peer Reviewed
53	Dipali Kadam	National finance switch simulator using mobile mad backend SDK	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 11 Issue: 12	988-993	Dec-2023	2321-9653	Peer Reviewed
54	V. R. Kandekar	Multimodal Transformer- Based Image Caption Generation	International Research Journal of Modernization in Engineering Technology and Science(IRJMETS)	Volume: 05 Issue: 11	994-997	Nov-2023	2582-5208	Peer Reviewed
55	Rajani R. Jadhav	<u>Exploring the landscape of diabetes dietary recommender systems: A Survey and Evaluation</u>	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume: 11 Issue: 01	g60-g63	Jun-2024	2349-5162	Peer Reviewed
56	<u>A.G.Phakatkar</u>	A Survey on Development Approaches from Automated MCQ Generator using Natural Language Processing.	Iconic Research And Engineering (IRE)Journals	Volume: 07 Issue: 09	01-05	Mar-2024	2456-8880	Peer Reviewed
57	<u>A.G.Phakatkar</u>	Identification of Depression from the Speech of A Person	International Journal For Multidisciplinary Research (IJFMR)	Volume: 06 Issue: 02	01-11	Feb-2024	2582-2160	Peer Reviewed
58	Kimaya R. Urane	Stress Detection from Visual Expressions	Bulletin For Technology And History(BTH) Journal	Volume: 24 Issue: 01	298-308	Jan-2024	0391-6715	Peer Reviewed
59	Rajani R.	Brain Tumour Detection And Classification	International Research Journal of Engineering and Technology	Volume: 11	77-79	Feb-2024	2395-0056	Peer Reviewed





## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

	Jadhav		(IRJET)	Issue: 02				
60	Priyanka Shahane	Fake News Detection using Natural Language Processing and Ensemble Learning	International Journal of Research and Analytical Reviews (IJRAR)	Volume: 11 Issue: 01	681-685	Feb-2024	2348-1269	Peer Reviewed

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
61	Priyanka Shahane	Real-Time Object Detection Using YOLO	International Journal of Research and Analytical Reviews (IJRAR)	Volume: 10 Issue: 04	951-960	Nov-2023	1248-1269	Peer Reviewed
62	Priyanka Shahane	Forecasting of India's GDP using Various Regression Algorithms	International Research Journal of Engineering and Technology (IRJET)	Volume: 11 Issue: 01	435-439	Jan-2024	2395-0056	Peer Reviewed
63	Priyanka Shahane	Sentiment Analysis on Social Media	Journal of Emerging Technologies and Innovative Research	Volume: 11 Issue: 03	c724-c728	Mar-2024	2349-5162	Peer Reviewed
64	Priyanka Shahane	Depression Detection from Social Media using Bidirectional Encoder Representations from Transformers & Convolutional Neural Network.	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume: 11 Issue: 05	o71-o78	May-2024	2349-5162	Peer Reviewed
65	Priyanka Shahane	A Survey on Regression Algorithms in Machine Learning	Bulletin for Technology and History (BTH)	Volume: 24 Issue: 03	267-278	Mar-2024	0391-6715	Peer Reviewed
66	Pranali Navghare	Anomaly Detection in Financial Transaction and their different solutions	Mukt Shabd Journal	Volume: XIII Issue: I	1459-1475	Jan-2024	2347-3150	Peer Reviewed
67	Kopal Gangrade	Automated Chess Boards: A Comprehensive Review and Analysis of Technology and Applications	International Research Journal of Engineering and Technology (IRJET)	Volume: 10 Issue: 12	586-590	Dec-2023	2395-0056	Peer Reviewed
68	Nikita.Y. Kapadnis	Deepfack detection using CNN	Bulletin for Technology and History (BTH)	Volume: 24 Issue: 02	72-76	Feb-2024	0391-6715	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

69	Kalyani Waghmare	Survey on techniques for Video Summarization and Audio Generation	IRE Journals	Volume: 07 Issue: 05	99-105	Nov-2023	2456-8880	Peer Reviewed
70	Rutuja Abhijit Kulkarni	A Review on Classification of Major Depressive Disorder from Brain fMRI Data using Machine Learning Techniques	International Journal of Research Publication and Reviews (IJRPR)	Volume: 05 Issue: 03	1182-1187	Mar-2024	2582-7421	Peer Reviewed

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publisher/ Indexing
71	Mayur S. Chavan	Rice Crop Grain Quality Detector	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume: 06 Issue: 01	4184-4188	Jan-2024	2582-5208	Peer Reviewed
72	Mayur S. Chavan	Crop Disease Detection Using Computer Vision	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume: 06 Issue: 02	3034-3048	Feb-2024	2582-5208	Peer Reviewed
73	Mayur S. Chavan	Cyber Security - Password Storage In Browser	International Journal of Creative Research Thoughts (IJCRT)	Volume: 12 Issue: 03	01-06	Mar-2024	2320-2882	Peer Reviewed
74	Sumit S Shevtekar	Towards Safer Roads: A Deep Learning Approach to Driver Distraction Detection in Four- wheeler Cars	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 06 Issue: 03	01-19	May-2024	2582-2160	Peer Reviewed
75	Sumit S Shevtekar	Enhanced Pothole Detection Using YOLOv8 Nano	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 03 Issue: 05	01-07	May-2024	2583-6129	Peer Reviewed
76	Sumit S Shevtekar	Unveiling Crash Casualties: A Neural Network Model for Crash Type Classification Using Traffic Datasets	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 12 Issue: V	329-337	May-2024	2321-9653	Peer Reviewed
77	Sumit S Shevtekar	Traffic-sign Recognition and Detection using Yolo-v8	International Journal of Research Publication and Reviews (IJRPR)	Volume: 05 Issue: 05	1619-1631	May-2024	2582-7421	Peer Reviewed





## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

78	Sumit S Shevtekar	Automating Helmet Usage Detection: A YOLOv8 Based Framework	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 12 Issue: V	461-471	May-2024	2321-9653	Peer Reviewed
79	Sumit S Shevtekar	Transformative Applications of Smart Contracts in Healthcare: A Comprehensive Study	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 03	279-283	Apr-2024	0391-6715	Peer Reviewed
80	Sumit S Shevtekar	Blockchain-Based Electronic Voting System: Secure and Transparent Implementation for Trustworthy Electoral Processes	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	123-127	Apr-2024	0391-6715	Peer Reviewed

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ISSN No.	Publis her/ Indexing
81	Sumit S Shevtekar	SecureSign: Blockchain-Enhanced Aadhar Authentication And OTP Verification For Voting Systems	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	197-200	Apr-2024	0391-6715	Peer Reviewed
82	Samadhan Walu Jadhav	Decentralized AI Marketplace using Blockchain	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	708-713	Apr-2024	0391-6715	Peer Reviewed
83	Kalyani Waghmare	TranscripTalk : Video Summarization And Multilingual Audio Generation For Content Navigation	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	388-393	Apr-2024	0391-6715	Peer Reviewed
84	Ashwini Bundele	Laser Based Short Range Multipurpose Security System	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	402-407	Apr-2024	0391-6715	Peer Reviewed
85	Ashwini Bundele	Breast cancer detection using decentralized Machine Learning	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 03	29-31	Mar-2024	0391-6715	Peer Reviewed
86	Mukta Sunil Takalikar	Log-based Anomaly Detection: Unveiling Patterns in ELK Stack Data for Enhanced Financial Security	International Journal of Enhanced Research in Management & Computer Applications (IJERMCA)	Volume: 13 Issue: 04	43-48	Apr-2024	2319-7471	Peer Reviewed
87	Mukta Sunil Takalikar,	Musical frequency note detection	PICT's International Journal of Engineering and Technology(PIJET)	Volume: 01	18-21	Dec-2023	2584-2668	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

	Rekha A Kulkarni			Issue: 01				
88	Mukta Sunil Takalikar	Women Empowerment in Finance: A Catalyst for Economic Growth	Scholarly Research Journal for Interdisciplinary Studies	Volume: 12 Issue: 67	72-82	Feb-2024	2278-8808	Peer Reviewed
89	Arati R Deshpande	Comparative study of sentence paraphrasing in Indian languages	International Journal of Engineering Inventions (IJEI)	Volume: 13 Issue: 03	178-185	Mar-2024	2278-7461	Peer Reviewed
90	Arati R. Deshpande	Revolutionizing Dementia Care: A Brief Survey of Personalized Therapy Recommender Systems	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	Volume: 13 Issue: 03	551-558	Mar-2024	2278-1021	Peer Reviewed

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/ Issue	Year of Publication	ISBN/ ISSN No.	Publis her/ Indexing
91	Arati R. Deshpande	Comparative Analysis of Malaria Detection Using Predictive Algorithms	PICT's International Journal of Engineering and Technology(PIJET)	Volume: 01 Issue: 01	33-42	Dec-2023	2584-2668	Peer Reviewed
92	Rekha A Kulkarni	Survey on AI driven Chatbot Counselor	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 07 Issue: 11	01-06	Nov-2023	2582-3930	Peer Reviewed
93	Parag J. Jambhulkar	PICT Archieves - Empowering Candidates with Experience Sharing and Advanced Resume Screening	Bulletin For Technology And History (BTH) Journal	Volume: 24 Issue: 04	30-38	Apr-2024	0391-6715	Peer Reviewed
94	Snehal P Shintre	Survey of Machine Translation Techniques for Low Resource Languages :Insights and Implications for Developing a Generic Translation System for Regional Dialects to Widely Spoken Languages	Bulletin For Technology And History (BTH) Journal	Volume: 24 Issue: 02	338-342	Feb-2024	0391-6715	Peer Reviewed
95	Snehal P Shintre	Credit Analysis for MSME's	Bulletin For Technology And History (BTH) Journal	Volume: 24 Issue: 03	119-123	Mar-2024	0391-6715	Peer Reviewed
96	Parag J. Jambhulkar	RecruitEasy: Elevating Hiring Experiences through Microservices, JWT, DTO, Smart Recommendations, and AI Conversations.	Bulletin For Technology And History (BTH) Journal	Volume: 24 Issue: 03	301-306	Apr-2024	0391-6715	Peer Reviewed
97	Manish R. Jansari	A Survey on Smart Healthcare System Using Blockchain and Machine Learning	International Journal of Innovative Science and Research Technology (IJISRT)	Volume: 09 Issue: 02	587-592	Feb-2024	2456-2165	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

98	Manish R. Jansari	A Survey Paper Review on Advancements in AI Driven User Interface Testing	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 12 Issue: II	674-679	Feb-2024	2321-9653	Peer Reviewed
99	Pooja Kohok	A Machine Learning Approach for College Admission Prediction	Bulletin For Technology And History (BTH) Journal	Volume: 24 Issue: 03	284-288	Mar-2024	0391-6715	Peer Reviewed
100	Pooja Kohok	Advancements In Legal Document Processing And Summarization (Survey)	International Journal of Novel Trends and Innovation (IJNTI)	Volume: 24 Issue: 04	a158-a166	Apr-2024	2984-908X	Peer Reviewed

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/ Issue	Year of Publication	ISBN/ ISSN No.	Publis her/ Indexing
101	Kopal Gangrade	A Survey on Grayscale Image Colorization	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 04	81-86	Apr-2024	0391-6715	Peer Reviewed
102	Kopal Gangrade	Grayscale Image Colorization using GANs	Bulletin For Technology And History (BTH)	Volume: 24 Issue: 06	01-04	Jun-24	0391-6715	Peer Reviewed
103	Shweta Shah	Blockchain-Based Device Lifecycle Tracking: Enhancing Sustainability and Transparency	Journal of IoT-based Distributed Sensor	Volume: 01 Issue: 02	01-09	May-2024	2583-6226	Peer Reviewed
104	Mr. Samadhan Walu Jadhav	Creation of Custom Blockchain and Cryptocurrency	Bulletin For Technology And History Journal (BTH)	Volume: 24 Issue: 05	505-513	May-2024	0391-6715	Peer Reviewed
105	G P Potdar	Advancements In Legal Document Processing And Summarization	International Journal of Novel Trends and Innovation (IJNTI)	Volume: 02 Issue: 04	a158-a166	Apr-2024	2984-908X	Peer Reviewed
106	G P Potdar	Evaluating the Performance of SPDK- based io uring and AIO Block Device	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume: 12 Issue: 02	825-828	Feb-2024	2321-9653	Peer Reviewed
107	G P Potdar	Providing data redundancy in NVMe frameworks for enhanced data resiliency Journal	Tanz Research Journal	Volume: 10 Issue: 04	217-219	Apr-2024	1869-7720	Peer Reviewed
108	Yogesh Handge	Gemelody - Harmonizing Mental Health and Well-being Through Musical Game Design	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 08 Issue: 04	01-03	Apr-2024	2582-3930	Peer Reviewed



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

109	Yogesh Handge	Role of Smart Wearables in Remote Patient Monitoring for Diabetes	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 08 Issue: 04	01-05	Apr-2024	2582-3930	Peer Reviewed
110	Samadhan Jadhav, Yogesh Handge	The Evolution and Impact of Music Streaming and Event Booking Apps: A Comprehensive Analysis	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 12 Issue: 04	5657-5665	Apr-2024	2321-9653	Peer Reviewed
111	Virendra Bagade	Classification and Detection of Alzheimer Disease using Pretrained model and Imaging Data Set	Gradiva Review Journal	Volume: 10 Issue: 03	70-76	Mar-2024	0363-8057	

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Conference	Level (State / National / International)	Year of Publication	ISBN/ ISSN No.
1	Ashwini Digambar Bundele	Evaluation of Individual's Credit Worthiness	3rd Asian Conference on Innovation in Technology (ACIANCON)	International	2023	979-8-3503-0228-8
2	Sheetal Sonawane	Analysis of Deep Learning Models for Text Summarization of User Manuals	2nd International conference on Big Data, Machine Learning, and Applications2021	International	2023	978-981-99-3483-6
3	Sheetal Sonawane	PICT-CLRL at WASSA 2023 Empathy, Emotion and Personality Shared Task: Empathy and Distress Detection using Ensembles of Transformer Models	13th Workshop on Computational Approaches to Subjectivity, Sentiment, & Social Media Analysis	International	2023	978-1-959429-87-6
4	Sheetal Sonawane	Mavericks at BLP-2023 Task 1: Ensemble- based Approach Using Language Models for Violence Inciting Text Detection	First Workshop on Bangla Language Processing (BLP-2023)	International	2023	979-8-89176-058-5
5	Pranjali P. Joshi	XAI Techniques for ICM	2023 7th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	International	2024	979-8-3503-0426-8
6	Anjali Deshpande	A Novel Machine Learning-Based Approach for Analysis, Prediction and Prevention of Accidents on Indian National Highways	2024 7th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	International	2024	979-8-3503-0426-8
7	Priyanka Shahane	Student's Performance Prediction using Decision Tree Regressor.	3rd International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2023)	International	2023	978-3-031-64067-4



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

#### Research papers published during the year 2022-2023

8	Pravin Patil	Multi Armed Bandit Algorithms Based Virtual Machine Allocation Policy for Security in Multi-Tenant Distributed Systems	1 <sup>st</sup> International Conference on Deep Learning, IOT, Drone Technology, Smart Cities and Application. ICDIDSA-23	International	2023	2231-5381
9	Kalyani Waghmare	Impact of Hybrid Sampling on ML-based Network Intrusion Detection Systems	7th International Conference on Inventive Computation Technologies (ICICT)	International	2024	979-8-3503-5929-9
10	Sheetal Sonawane	Unmasking Disinformation: Detection of Fake News Online Using Learning Techniques	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	International	2024	979-8-3503-0661-3

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Conference	Level (State / National / International)	Year of Publication	ISBN/ ISSN No.
11	Sheetal Sonawane	Converting Epics/Stories into Pseudocode Using Transformers	2023 IEEE 20th India Council International Conference (INDICON)	International	2024	979-8-3503-0559-3
12	Nikita Kapadnis	TrashTreasury: Survey on SWM incentivisation	International Convention on Applied Mathematics and Computation in Engineering & Technology 2024	International	2024	978-81-19585-74-8
13	Mukta Takalikar	DL Based Speech to Text Converter for Audio Visual Applications	2023 IEEE International Conference on ICT in Business Industry & Government (ICTBIG)	International	2023	979-8-3503-4327-4
14	Madhuri Wakode	Distributed MQTT Broker: A Load-Balanced Redis-based Architecture	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	International	2024	979-8-3503-0661-3
15	Rekha A Kulkarni	DL Based Speech to Text Converter for Audio Visual Applications	2023 IEEE International Conference on ICT in Business Industry & Government (ICTBIG)	International	2023	979-8-3503-4327-4
16	Pranjali P. Joshi	Accurate Medicine Recognition and Conversion	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	International	2024	979-8-3503-0661-3
17	Pranali Navghare	Wireless TCP Congestion Control Based on Loss Discrimination Approach Using Machine Learning	6th International Conference on Communications and Cyber Physical Engineering	International	2023	978-981-99-7137-4



## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

18	Geetanjali Kale, Pranali Navghare	ICode - An Unified Competitive Coding Profile Platform	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	International	2024	979-8-3503- 0661-3
19	Geetanjali Kale	A Survey of Motion Prediction for Autonomous Vehicles Using the Lyft Dataset	(ICDSA 2023) International Conference on Data Science and Applications Lecture Notes in Networks and Systems	International	2024	978-981-99- 7820-5
20	Sheetal Sonawane	Unmasking Disinformation: Detection of Fake News Online Using Learning Techniques	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	International	2024	979-8-3503- 0661-3

Sr. No.	Name Of The Teacher's /Author	Title Of The Paper	Name Of The Conference	Level (State / National / International)	Year of Publication	ISBN/ ISSN No.
21	G P Potdar	Calculation of Neural Network Weights and Biases Using Particle Swarm Optimization	International Conference on Computational Intelligence And Xai (Iccixai-2022)	International	2024	978-3-7258- 1072-7
22	Sheetal Sonawane	VaxVerdict :a RoBERTa-Based Multilabel Tweet Classifier	Forum for Information Retrieval Evaluation, December 15-18, 2023, India	International	2024	1613-0073
23	Sheetal Sonawane	CLTeam1 at SemEval-2024 Task 10: Large Language Model based ensemble for Emotion Detection in Hinglish	18th International Workshop on Semantic Evaluation (SemEval-2024)	International	2024	979-8-89176- 107-0
24	Sheetal Sonawane	Maven at MEDIQA-CORR 2024: Leveraging RAG and Medical LLM for Error Detection and Correction in Medical Notes	Proceedings of the 6th Clinical Natural Language Processing Workshop,	International	2024	979-8-89176- 109-4
25	V. S. Gaikwad	A Fully Homomorphic Encryption based approach for Privacy Preserved Pre- Processing of Medical Transcripts	Proceedings of the Hinweis 2nd International Conference on Recent Trends in Machine Learning and Image Processing (MLIP-2023).	International	2023	
26	V. S. Gaikwad	Student Attentiveness Assessment based on Emotion Detection Model using Human Facial Expression Recognition	Proceedings of the Hinweis 2nd International Conference on Advanced Research in Engineering and Technology 2024	International	2024	





## PUNE INSTITUTE OF COMPUTER TECHNOLOGY

### Department of Computer Engineering

### Research papers published during the year 2022-2023

27	V. S. Gaikwad	Human Exercise Detection and Correction Using MediaPipe Framework	Proceedings of the Hinweis 2nd International Conference on Advanced Research in Engineering and Technology 2024	International	2024	Presented, Waiting for Publication
28	Madhuri Mane	A Breif Survey on Video Stabilization	The 5 <sup>th</sup> IEEE International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2024)	International	2024	
29	Madhuri Mane	A brief survey on video stabilization approach	The 5 <sup>th</sup> IEEE International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2024)	International	2024	
30	Dipika D. Raigar	ML based Web Application Firewall for Signature and Anomaly Detection Using Feature Extraction	The 15th International IEEE Conference on Computing, Communication And Networking Technologies (ICCCNT)	International	2024	
31	Pranali Navghare	Comparative Analysis of Machine Learning Algorithms for Cardiovascular Disease Risk Prediction	2024 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST)	International	2024	