

Curriculum Vitae



1. Name: Dr.Vijay R Tripathi

2. Designation & Department: Associate Professor and Computer Science & Engineering

3. Correspondence address Adarsh Colony, Tripathi Bungalow. In Front Of Dr.Kedar Hospital, Nr. Pariamma Temple, Akola: 444001

4. Email(s) and contact number(s) :- vijayrtripathi@rediffmail.com & 9960301066

5. Date of Birth 24-03-1978

6. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	PHD(ExTC)	2023	-ExTC	G.H.Raisoni University	-
2	ME(ExTC)	2007	SC,MC	Mumbai University	61.54%
3	BE(IE)	2000	IE,DIC	Amravati University	59.14%

7. Ph.D thesis / M.E Dissertation title, Year of Award.

Denoising Of Medical Images With Motion Artifacts, Summer 2023

8. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1.	Lecture	MPSTME, Mumbai	1/6/2008	30/6/2009
2.	Lecture	SPIT, Mumbai	1/7/2009	5/10/2009
3	Assistant Professor	C.O.E.T, Akola	7/10/2009	31/1/2025
4.	Associate Professor	C.O.E.T, Akola	1/2/2025	Till Date

9. Professional Recognition/ Award/ Achievement/ Certificate received.

S.No	Name of Award	Awarding Agency	Year

10. Publications (*List of papers published in Journals, in year wise descending order*).

S.No.	Author(s)	Title	Name of Journal /Conference	ISSN/ISBN	Volume	Page	Year
1.	Saman Naaz, Rutuja Biradar, Sakhi Jaybhaye, Dr. Vijay R Tripathi	Diabetic Retinopathy Prediction using Machine Learning	International Journal of Scientific Research in Engineering and Management	ISSN-2582-3930	09	-	2025
2.	Dr. Vijay R Tripathi, Mr	Working Of	International Journal of	ISSN-2395-566X	11	2199-2202	2025

	.Shobhit Khadare,Mr. Akshay Khillare,Mr. Ronit Rathod,Mr. M M Ahmad	Advance Gas Leakage Detection System With Auto Cut-OFF Regulator and Exhaust Fan	Scientific Research & Engineering Trends				
3	Dr. Vijay R Tripathi, Saman Naaz, Mohd Zubair	Role of AI and ML in Medical Imaging	International Journal of Scientific Research in Science and Technology	ISSN-2395-602X	12	753-758	2025
4	Dr. Vijay R Tripathi	Enhanced Image Segmentation Using Deep Learning: A Comparative Study	Educational Administration : Theory and Practice	ISSN:2148-2403	-	5840-5848	2024
5	Dr. Vijay R Tripathi	Advance Gas Leakage Detection System	Journal of Engineering and Technology Management	ISSN:1879-1719	74	-	2024
6	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	A Survey On Motion Artifact Correction in Magnetic Resonance Imaging For Improved Diagnosis	SN Computer Science	Doi.org/10.007/s42979-023-02596-1	-	1-13	2024
7	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	Denoising of Motion Artifacted MRI scan Using Conditions Generative Adversarial Network	Multimedia Tools and Application	Doi.org/10.1007/s11042-023-15705-2	-	-	2023
8	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	Modified Restricted Boltzmann Machine (mRBM) for Denoising	Research on Biomedical Engineering	Doi.org/10.1007/s42600-022-00252-w		73-83	2023

		Of Motion Artifact-Induced MRI scans					
9	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	Application of Modified Restricted Boltzmann Machine (mRBM) for Denoising Of Motion Artifact-Induced MRI scans	IEEE	DOI: 10.1109/ICETET-SIP-2254415.2022.9791510 ISSN: 2157-0485	-	-	2022
10.	Vijay R Tripathi	A Review Paper On Design Mamdani and Sugeno FES for Pathological Investigation and Diagnosis of Jaundice Vol.2 Issue 3, Mar 2018	International Journal of Ongoing Research in Science and Engineering	ISSN: 2456-8481	-	-	2018
11	Vijay R Tripathi	“Text Extraction From Sports pp 329-336	International Journal of Pure and Applied Research in Engineering & Technology,	ISSN 2319-507X	5	329-336	2016
12	Vijay R Tripathi	Human Energy: A sustainable options for Batteries	International Journal of Pure and Applied Research in Engineering and Technology	-	-	-	2014
13	Vijay R Tripathi	“Image Denoising Using Non-Linear Filter,” pp 4543-4546	International Journal of Advance Research in Computer Science & Software Engineering (IJARCSSE),	ISSN: 2249-6645	2	4543-4546	2012
14	Vijay R Tripathi	Image Denoising Using Non-Linear Filter pp 49-55	International Journal of Computer & Communication (IJCC),	ISSN: 0976-5681	1	49-55	2011
15	Vijay R Tripathi	Image Denoisng	IOSR Journal Of Engineering (IOSRJEN)	ISSN: 2250-3021	1	84-87	2011

16	Arati Gautam, Prof Kishor Dhake, Vijay R Tripathi	Image Denoising Using Non Linear Filters 573-577	International Journal of Information Technology and Knowledge Management	ISSN online 1741-5179	2	-	2010
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11. Detail of patents/Copy right .

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Skin Contact Adapter For Microscopic Viewing Devices	Vijay Ramkuber Tripathi	6479376	30/10/2025	UK	Registered
2	Micro Coil Holder	Vijay Ramkuber Tripathi	6479377	30/10/2025	UK	Registered
3	Microscopic Slide Holder	Vijay Ramkuber Tripathi	6479378	30/10/2025	UK	Registered

. Detail of Copy right .

S.No	Copy Right Title	Name of Applicant(s)	Copyright No.	Award Date	Agency/Country	Status
1	Denoising of Motion Artifacted MRI scan Using Deep Learning Technique: Modified Restricted Boltzmann Machine (mRBM) and Conditions Generative Adversarial Network(CGAN)	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	L- 107828/2021	23/09/2021	India	Approved

12. Books/Reports/**Chapters**/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	Comparison of Different Denoising Networks on Motion Artifacted MRI Scans	Vijay R Tripathi, Manish N Tibdewal, Ravi Mishra	Machine Intelligence Techniques for Data Analysis and Signal Processing	2023

13: Field of Expertise / Specialization. Image Processing and Internet Of Thing (IoT)

Date and Sign

