

Personal Information:

Name : Dr. NAGARAJ V. DHARWADKAR
Date of Birth : 22nd July, 1977
Sex : Male
Nationality : Indian
Languages Known : English, Kannad and Hindi
Permanent Address : H. No. LIG-191,
Adarsh Nagar (New Hudco),
Bijapur, Karnataka, India.
E-mail : dharwadkarn@gmail.com, dharwadkarn@cuk.ac.in

Education:

Sl. No.	Course / Degree	University/Board	Year of Passing	% of Marks Obtained	Result/Title of thesis
01	PhD in Computer Science & Engg.	National Institute of Technology, Warangal (NITW), Telangana	26 May, 2014	-----	Title of the thesis: "A Study on Digital image Steganography and Watermarking schemes".
02	M.Tech. (Computer Science & Engg.)	Visvesvaraya Technological University, Belgaum.	2006	76.46	First Class with DISTN.
03	B. E. (Computer Science & Engg.)	Karnataka University, Dharwad.	2000	80.66	First Class with DISTN.

Work Experience:

Sl. No.	Institute / Organization	Designation	Status	Duration		Total Years
				From	To	
01	B.L.D.E.A's College of Engg & Tech. Bijapur, Karnataka	Lecturer	Permanent	04/10/2001	31/03/2007	5years 5 months
02	B.L.D.E.A's College of Engg & Tech. Bijapur, Karnataka	Senior Grade Lecturer	Permanent	01/04/2007	30/11/2007	7 months

03	B.L.D.E.A's College of Engg & Tech. Bijapur, Karnataka	Assistant Professor (5 th Pay Scale)	Permanent	01/12/2007	31/12/2011	5 years
03	B.L.D.E.A's College of Engg & Tech. Bijapur, Karnataka	Associate Professor (6 th Pay Scale) and HOD	Permanent	01/01/2012	23/04/2014	3 years
04	Rajarambapu Institute of Technology, Islampur, Maharashtra	Professor (6 th Pay Scale) and HOD	Permanent	05/06/2014	07/11/2023	9 Years, 2 months
05	Central University of Karnataka, Kadaganchi.	Associate Professor	Permanent	09/11/2023	Till date	
06	Remote Visiting Scholar in the School of Science and Technology at Nottingham Trent University for a period of 3 months commencing on 18th April 2022.	Nottingham Trent University, UK, with monthly honorarium of £250	3 Months	18th April 2022.	In progress	3 Months

I have, 23 years of teaching experience of which 7 years Research Experience. Presently working as Associate Professor in Computer Science at Central University of Karnataka, Kadaganchi.

PhD Guideship:

Details of my PhD student in Visveswaraya Technological University, Research Centre: Regional Research Centre (RRC), Belgaum, Karnataka is as follows.

Sl. No.	Name of the candidate	Title of the topic	Current status
1	Mr. Subodh S. Ingaleshwar (1JS16PEJ14), JSS Academia of Technical Education Bangalor,	“Development & Performance Evaluation of Reversible image and video Watermarking Schemes in Medical Applications”	Successfully completed/ Awarded PhD Degree
2	Mr. Rajendhar Math (USN: 5VY15PEJ66)	“Crop Management in Precision Agriculture using Machine Learning Algorithms”	Successfully completed/ Awarded PhD Degree

M.Tech. Guide: 15 students Completed M.Tech. in Computer Science and Engineering

Courses handled: Skills

- Teaching / Taught subjects –
 - Computer Networks
 - Number Theory and Cryptography
 - Artificial Intelligence
 - Image Processing
 - Computer Organization
 - Big-Data Analytics
 - Machine Learning
 - Network security
 - Computer Graphics
 - Object Oriented Programming
 - JAVA/CGI/Perl
 - Data Mining
 - Computer Graphics

Software Proficiency

Programming Languages: C, C++, JAVA, LISP, Python and Prolog.

Modeling Software's: MATLAB

Simulation Software's: NCTUns-6, NetSim.

Documentation tool: Latex.

- Laboratory/Facilities created - Computer Graphics Lab, Network Lab, IoT framework, Aneka Cloud Computing, Cyber Security and Forensic lab.

Membership of Professional Societies / Bodies:

Sr. No.	Professional Society / Body	Membership Class	Membership Number
01	Advance Computing Machinery (ACM)	Member	3656175
02	International Association of Computer Science and Information Technology (IACSIT)	Member	80340726
03	Institution of Engineering and Technology (IET)	Member	1100390422
04	Computer Society of India (CSI)	Member	F8001609
05	ISTE	Member	-----
06	National Cyber Safety and Security Standards (NCSSS), New Delhi	Member of Academic Advisory Board	ASSOCI6015623

Organizing Committee Member/Achievements/Roles and Responsibilities:

- Worked as a coordinator for a workshop on “Software Testing Concept & Tools”, at B.L.D.E.A's College of Engineering & Technology, Bijapur, during November 3- 5, 2007.
- Worked as organizing committee member for IBM Faculty Development Program Conducted by IBM Academic Initiative”, in B.L.D.E.A's College of Engineering & Technology, Bijapur, during 2-3 May, 2008.

- Worked as organizing committee member of “**WITS-06** a State Level Student Paper Presentation Contest” in “B.L.D.E.A's College of Engineering & Technology, Bijapur.
- Worked as organizing committee member of “**WITS-07** a State Level Student Paper Presentation Contest” in B.L.D.E.A's College of Engineering & Technology, Bijapur, during 12 May, 2007.
- Judge for paper presentation in National level Technical Symposium “WITchar-2012” organized by Computer Science and Engineering department of Walachand Institute of Technology, Solapur, during 24-25 March, 2012.
- Judge for paper presentation in National level Technical Fest “ESOTERICA-2K12” organized by Electronics and Communication Engineering department of B.L.D.E.A's College of Engineering & Technology, Bijapur, during 29 March, 2012.
- Judge/Expert for the ConteXepts (Paper presentation) and InnoGenius (Project Exhibition) in National level Technical Fest “OJAS-12” organized by Computer Science and Engineering department of B.L.D.E.A's College of Engineering & Technology, Bijapur, during 30-31 March, 2012.
- Guiding the project “An improved Difference and Expansion Based Watermarking scheme for Gray-scale images” which is funded by KSCST in 35th series, Reference No. 35S0509, 2012.
- Worked as the coordinator of the workshop “**Research issues in Data mining**” held in B.L.D.E.A's College of Engineering & Technology, Bijapur, during 26th - 27th October, 2013.
- Conducted one day technical session on “**Security Issues in Cloud Computing**” in workshop on “**Cloud Computing and Virtualization**” on 20-24th June, at Rajarambapu Institute of Technology, Islampur.
- Technical Program Committee member of First International Online Conference on “**Research in Science, Engineering and Management (IOCRSEM2014)**”, 20 July, 2014, Uttarakhand Technical University, Dehradun (Uttarakhand)
- Technical Program Committee of International Conference on “**Computational Intelligence in Data Mining (ICCIDM-2014)**”, 20-21 December, 2014, Veer Surendra Sai University of Technology, Burla, India
- Worked as a single point of Contact person for **MOU between Oracle and Rajarambapu Institute of Technology, Islampur for Work Force Development Program (WDP)** by Oracle
- Worked as a co-coordinator for a two days workshop on “**HADOOP and Big Data Analytics**” at Computer Science and Engineering dept. of Rajarambapu Institute of Technology, Islampur, during 28th Feb- 1st Mar. 2015.
- Working as a Technical Program Committee member of 5th IEEE International Advanced Computing Conference 2015, BMSE, Bangalore
- Technical Program Committee member of National Conference on “**RIT- National Conference for Post Graduate student (RIT-NCon 2015)**”, 1st June, 2015, Rajarambapu Institute of Technology, Islampur.
- Internet Plan Committee Chairman at RIT Islampur, for year 2014-2016
- Organizing Committee member of International Conference on Computing Communication and Energy system (ICCES-2016), RIT, Islampur, 29th – 30th January, 2016
- One Session for Newly Recruited faculty workshop on OBE in Programming labs and Theory in RIT, Islampur, on 13th July, 2016
- Recognized as Bronze partner faculty under Inspire- The Campus Connect Faculty Partnership Model 2017.
- Awarded as the winner in Distinguished Facilitator event of Inspire Faculty Excellence Award 2017.
- Recourse Person for one day in one week FDP on “Machine Learning Using Python” Funded by VTU Belgauam, 2018

- Worked as paper reviewer in 4th RIT Post Graduates Conference (RIT PG Con-18) on at RIT Rajaramnagar on 13th April 2018.
- **BOG- Member of Rajarambapu Institute of Technology**, Islampur, from 2018 to 2020.
- Academic Adviser and Associate Member of the Board of National Cyber Safety and Security Standards, New Delhi.
- **Editorial Board for Department of Computer and Information Sciences** constituted by Vice Chancellor, VTU, Belgaum.
- **TPC Member:** IEEE-International Conference on Data Mining and Knowledge Discovery (DMKD 2018) has been held successfully in Beijing, China on May 25-27, 2018. International Scientific Committee; <http://www.icdmkd.org/commit.html>
- **TPC Member:** International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2018) International Advisory Committee <http://icabcd.org/committee/>
- Ph.D. Open Defense Session -Jain University: PhD thesis evaluation in electronics Department, 2017.
- Received Bronze award for partner faculty under Inspire- The Campus Connect Faculty Partnership, Under Infosys Campus connect Program, Pune Model 2017.
- Winner in Distinguished Facilitator event of Inspire Faculty Excellence Award by Under Infosys Campus connect Program, Pune 2017
- Ph.D. Oral Examiner -PhD Pre- Comprehensive Viva at VTU Gulbarga; Ravi Hosur, 2018
- Referee/Judge for subject related event -SGI: Invited as a Judge for evaluation of Projects-2018.
- Ph.D. Examiner of Anand S. Ghuli, Title: “Devising and implementing the digital watermarking schemes for suitability of robustness, fidelity & capacity for color images”, at VTU RRC, Belgaum: PhD thesis evaluation and Viva voce conducted in Computer Science and Engg., Department, 2019.
- TPC Member: IEEE-International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, Department of Computer Engineering, National Institute of Technology (NIT) Kurukshetra, 3 - 4 March, 2019.
- **Member of Hostel Managing Council Committee** at Rajarambapu Institute of Technology, Islampur since from 2019
- Received **Best HoD of the Year 2019** from Computer Society of India (CSI) Mumbai Chapter on September 28th September 2019, at Welingker institute of management Mumbai.
- Invited session on “Applications of intelligence of things” in Two week FDP of AICTE sponsored two week FDP on embedded system's and IoT on 11th November, 2019.
- **TPC Member: CISDM-2020** European Conference on Information System and Data Mining" chair, <https://cmt3.research.microsoft.com/CISDM-2020>
- **TPC Member: Organizing Committee:** TPC: MIND-2020, NIT, Kurukshetra <https://www.mind2019.in/organizers>.
- **TPC Member:** International Conference on Data Mining and Knowledge Discovery (DMKD 2020) will be held in Sydney, Australia on February 17-19, 2020. TPC: <http://www.icdmkd.org/commit.html>
- **TPC Member:** European Conference on Information System and Data Mining (CISDM 2020) will be held in Saint Petersburg, Russia on September 18-20, 2020. TPC Member: <http://www.ecisdsm.org/com.html>
- Shivaji University Nominee BOS member of DhanajayRao Gadgil College of Commerce Maharashtra.
- **SOP for MOU between Department of CSE RIT and Dr. Shivakumar from Computer Science and soft computing Malaya University, Malaysia** since from 2018 to 2020
- **Guiding Anagha R Pakare under URE track for Students internship program at Taiwan** at National Changhua University of Education Taiwan under Department of Electrical Engineering on “Analysis of Industrial IoT and Agriculture IoT”

- **Guided on URE student on “ Bit-coin data analysis using Machine Learning 2018-2019” jointly with DRDO mentor at Bangalore**
- Working as the HOD of Computer Science and Engineering Department since from 2014 till date.
- Received **best Researcher Award** in department of CSE from ISTE students/Faculty RIT chapter on 15/09/2020
- Worked as the Technical consultant for “MOBIREY TECHNOLOGIES PVT LTD Shriya Pearl, Near Tatwadarsha Hospital, Hubli 580030” from January 2023 to April 2023
- Received **“Best Faculty of the Year” in the «Best Faculty - Published Research - where papers have been accepted in high ranking/indexed journals» category** at the **CSI-TechNext India 2024 - Awards to Academia** on August 30th & 31st, 2024.
- **Nottingham Trent University, UK, with monthly honorarium of £250** , Remote Visiting Scholar in the School of Science and Technology at Nottingham Trent University for a period of 3 months commencing on 18th April 2022.

National / International funded projects:

SI No	Title of Project	Funding Agency	Program Duration	Fund Sanctioned (Amount)	Completion of the project	Remarks
1	VGST- GRD NO. 173: Lab establishment of labs for final year students: 1) Image Processing Lab 2) VLSI lab	Vision Groups of Science and Technology, VGST, at BLDEACET, Bijapur, Karnataka	2012-13	Rs: 25,00000	December 31 2013	Project Successfully completed
2	Cloud Computing in Agriculture domain	RIT, Inhouse SEED funding	2014-15	Rs: 25,000	completed	completed
3	Integrating of two Sales force orgs.	Persistent Systems Pune	2014-15	-----	completed	completed
4	A Classroom attendance system using a surveillance camera	TEQIP, RIT Islampur	2015-16	Rs, 12000/-	completed	Completed
5	Co PI for “IOT Framework for Monitoring Soil In Krishna Canal Command Area and Automated Recommendations For Improving Cultivation”.	Research Initiation Program proposal of Shivaji University	2020-21	Rs, 2,49,000	In progress	In progress
6	Co PI for “9 th sense web portal for MSEM and NGOs using AI ML and Data science	RGSTC- Shivaji University	2022-23	Rs 3,50,000/-	In progress	In progress

Publications:

Papers Presented / Published at International /National /Conferences and Journals: (Total – 93 papers)

Google Scholar: <https://scholar.google.co.in/citations?user=ws5i0HcAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36616908200>

ORCID id: <http://orcid.org/0000-0003-3017-0011>

International Journals: (50)

1. Nagaraj V. Dharwadkar, B.B.Amberker and Sushil Raj Joshi, “Visual Cryptography for Gray-Level Image using Adaptive Order Dither Technique”, Journal of Applied Computer Science & Mathematics, Vol. 3, Issue 6, pp. 60-65, 2009.
2. Nagaraj V. Dharwadkar and B.B.Amberker, “Secure Watermarking Scheme for Color Image Using Intensity of Pixel and LSB Substitution”, Journal of Computing, Vol 1, Issue 1, pp. 1-6, 2009.
3. Nagaraj V. Dharwadkar and B.B.Amberker, “Watermarking Scheme for Color Images using Wavelet Transform based Texture Properties and Secret Sharing”, International Journal of Information and Communication Engineering, Vol. 6, No.2, pp. 93-100, 2010.
4. Nagaraj V.Dharwadkar & B. B. Amberker, “An Efficient and Secured Non Blind Watermarking Scheme for Color Images Using DWT and Arnold Transform”, International Journal of Computing, Vol. 9, Issue 2, pp. 183-191, 2010.
5. Nagaraj V. Dharwadkar and B. B. Amberker and Sushil Raj Joshi, “Visual Cryptography for Color Image using Color Error Diffusion”, International Journal on Graphics, Vision and Image Processing, Vol. 10, Issue 1, pp. 1-8, 2010.
6. Nagaraj V. Dharwadkar and B.B.Amberker, “Steganographic scheme for Gray-level images using Pixel Neighborhood and LSB Substitution”, International Journal of Image and Graphics, Vol. 10, No. 4, pp. 589-607, 2010. (SCI indexed)
7. Nagaraj V. Dharwadkar and B.B.Amberker, “Digital Watermark Tracking using Intelligent Multi-Agents System”, Journal of Applied Computer Science & Mathematics, Vol. 4, Issue 7, pp. 53-56, 2010.
8. Nagaraj V.Dharwadkar & B. B. Amberker, “Determining the Efficient Subband Coefficients of Biorthogonal Wavelet for Gray level Image Watermarking”, International Journal of Image Processing, Vol 4, Issue 2, pp. 89-105, 2010.
9. Nagaraj V.Dharwadkar & B. B. Amberker, International Journal of Computer Applications, “An Efficient Non-blind Watermarking Scheme for Color Images using Discrete Wavelet Transformation”, Vol. 2, No. 3, pp. 60-66, 2010.
10. Nagaraj V.Dharwadkar & B. B. Amberker, “An Improved Reversible Steganography Scheme Based on Dual Cover images”, International Journal of Multimedia Intelligence and Security, Vol. 1, No. 4, pp. 336-349, 2010. (SCI indexed)

11. Nagaraj V. Dharwadkar, B.B.Amberker , “Digital Watermark Tracking using Intelligent Multi-Agents System”, Journal of Applied Computer Science and Mathematics, Vol. 4, Issue 7, pp. 53-56, 2010.
12. Nagaraj V. Dharwadkar, B. B. Amberker, “High perceptual quality and robust color image Watermarking scheme using Julian set patterns in DWT-SVD”, International Journal of Tomography & Simulation, Vol. 19, Issue 1, pp. 14-31, 2012
13. Nagaraj V. Dharwadkar, B. B. Amberker, “Secured and distortion less gray-scale medical image watermarking scheme”, Journal of Medical imaging and Health Informatics”, American Scientific publishers, September, Vol.2, pp.. 250-256 , 2012 (SCI indexed)
14. Nagaraj V. Dharwadkar, Shrutika S. Sawant, Shrutika S. Sawant, A review on various Medical Image Compression methods, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, volume 4, Issue 1, pp 27-29, 2016.
15. Shivananda R. Poojara, N. V. Dharwadkar and Vishal Ghule Performance Benchmarking of Hypervisors - A Case Study Indian Journal of Science and Technology, Vol 10, issue 44, pp. 1-11, November 2017
16. Nagaraj V. Dharwadkar, Gautami Shingan , “Student Quality Circle: Skilful Learning Environment”, Journal of Engineering Education Transformations, Volume 31 , No. 2, pp. 57-67, October 2017.
17. Nagaraj V Dharwadkar, Shivananda R Poojara, Priyanka M Kadam, Fault Tolerant and Optimal Task Clustering for Scientific Workflow in Cloud, International Journal of Cloud Applications and Computing (IJCAC), volume 8, issue 3, pp 1-19, 2018
18. Nagaraj V Dharwadkar, Sphurti S Arage,, Prediction and estimation of civil construction cost using linear regression and neural network, International Journal of Intelligent Systems Design and Computing, volume 2, issue 1, pp. 28-44, 2018.
19. Nagaraj V. Dharwadkar, and Patil, P.S. (2018) ‘Customer retention and credit risk analysis using ANN, SVM and DNN’, International Journal of Society Systems Science, Vol. 10, No. 4, pp.316–332, 2018.
20. Ajinkya N. Jadhav, Nagaraj V. Dharwadkar, “A Speaker Recognition System Using Gaussian Mixture Model, EM Algorithm and K-Means Clustering”, International Journal of Modern Education and Computer Science (IJMECS), Vol.10, No.11, pp. 19-28, Nov. 2018.
21. Nagaraj V. Dharwadkar and Vandana Harale, “Automated Greenhouse system for Tomato Crop using Deep Learning” International Journal of Sustainable Agricultural Management and Informatics (IJSAMI), Vol.5 No.2/3, pp.131 – 147, 2019.
22. Ashish Chikhalikar¹, Nagaraj V. Dharwadkar, “Enhanced Brain Tumor Detection using Segmentation based on Discrete Wavelet Transform”, International Journal of Research in Advent Technology Vol.7, No. 3 , March 2019.

23. V. T. Lokare, Gautami Shingan, Prakash Jadhav, N.V.Dharwadkar, "Effective Use of Online Tools to Prepare Students for Competitive Examinations", *Journal of Engineering Education Transformations*, Volume 33, Special issue, pp.499-502, January 2020.
24. Gautami Shingan, V. T. Lokare, Nagaraj V. Dharwadkar, "A Novel Approach to teach Design and Analysis of Algorithms Course", *Journal of Engineering Education Transformations*, Volume 33, Special issue, pp. 520-523, January 2020.
25. Subodh Ingaleshwar , D. Jayadevappa, Nagaraj V. Dharwadkar, Hybrid Architecture For Reversible Watermarking Of Medical Images Using Wavelet Transforms, volume 13. No 4, pp. 3460–3467. 2020
26. S. S. Patil, Nagaraj V. Dharwadkar, "Improving Students Engagement through Active Learning Strategies: Case study based Active Review Sessions and Skillathon", *Journal of Engineering Education Transformations*, Volume 33, Special issue, pp. 340-345, January 2020..
27. RajinderKumar Math, Nagaraj V. Dharwadkar, "An Intelligent Irrigation Scheduling and Monitoring System for Precision Agriculture Application", *International Journal of Agricultural and Environmental Information Systems*, Volume 11, Issue 4, 2020.
28. Subodh Ingaleshwar , D. Jayadevappa, Nagaraj V. Dharwadkar, Hybrid Architecture For Reversible Watermarking Of Medical Images Using Wavelet Transforms, *International Journal of Future Generation Communication and Networking*, Volume 13, Issue 4, pp. 3460–3467, 2020
29. Nagaraj V. Dharwadkar, Amruta K Savvashe, Right Ventricle Segmentation of Magnetic Resonance Image Using the Modified Convolutional Neural Network, *Arabian Journal for Science and Engineering*, Springer Publisher, pp. 1-10, IF=2.7, 2021.
30. Ashish M. Chikhalikar and Nagaraj V. Dharwadkar, Model for Enhancement and Segmentation of Magnetic Resonance Images for Brain Tumor Classification, *Pattern Recognition and Image Analysis*, Springer Publisher, Vol. 31, , Issue 1, 2021.
31. Subodh Ingaleshwar, Nagaraj V. Dharwadkar, Jayadevappa D, Water chaotic fruit fly optimization-based deep convolutional neural network for image watermarking using wavelet transform, Springer publishers, *Multimedia Tools and Applications*, IF=3.6, 2021.
32. Subodh S. Ingaleshwara, D. Jayadevappa, Nagaraj V. Dharwadkar, Heterogeneous architecture for reversible watermarking system for medical images using Integer transform based Reverse Contrast Mapping, *Turkish Journal of Computer and Mathematics Education*, Vol.12, No.6, pp. 308-315, 2021
33. Ramchandra Ganapati Desavale, Prakash M Jadhav, Nagaraj V Dharwadkar, "Dynamic Response Analysis of Gearbox to Improve Fault Detection Using Empirical Mode Decomposition and Artificial Neural Network Techniques" , *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems*, Part B: Mechanical Engineering, H-index: 13, 2021.
34. Nagaraj V. Dharwadkar, Amulya Dixit, Anil K. Kannur, "Identification of Reasons behind infant Cry Using Acoustic Signal processing and Deep Neural Network for Neonatal Intensive

- Care Unit”, International Journal of Information Retrieval Research, Volume. 12, Issue 1, Article 1, 2022.
35. R.G.Desavale, S.G.Kumbhar and Nagaraj V. Dharwadkar, Fault size diagnosis of rolling element bearing using artificial neural network and dimension theory, Neural Computing & Applications, Springer publishers, Vol 33, Issue 2, pp. 16079-16093, 2021, IF=6.0, 2021.
 36. Nagaraj V Dharwadkar, Anagha R Pakhare, Vinothkumar Veeramani, Wen-Ren Yang, Rajinder Kumar Mallayya Math, “Textile Production Line Monitoring System Using Wavelet-Regression Neural Network”, Journal of Cases on Information Technology (JCIT), volume 24, Issue 3, pp. 1-26, IGI Global, H-index:14, 2022.
 37. Nagaraj V. Dharwadkar, Gautami G. Shingan, Sandeep Uttam Mane, Enhanced Parallel-Particle Swarm Optimization (EP-PSO) Approach for Solving Nurse Rostering Problem: Enhanced Parallel-Particle Swarm Optimization (EP-PSO) Algorithm, International Journal of Swarm Intelligence Research, Volume 13, Issue 1, Article 1, 2022.
 38. Nagaraj V. Dharwadkar, Anjali M.Yadav and Mohammad Ali Kadampur, Improving the quality of underwater imaging using deep convolution neural networks, Springer Publishers, Iran Journal of Computer Science, Volume 5, Issue 2, pp. 127-141, 2022.
 39. Vishwendra, Pratiksha S Salunkhe, Shivanjali V Patil, Sumit A Shinde, PV Shinde, RG Desavale, PM Jadhav, Nagaraj V Dharwadkar, “A Novel Method to Classify Rolling Element Bearing Faults Using K-Nearest Neighbor Machine Learning Algorithm” ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, Vol. 8, Issue 2, 2022.
 40. RajinderKumar M Math, Nagaraj V Dharwadkar, Early detection and identification of grape diseases using convolutional neural networks, Journal of Plant Diseases and Protection, Springer Berlin Heidelberg, IF=1.9, Vol. 129, Issue 3, pp. 521-532, IF=2.0, 2022,
 41. Akram A. Pathan, Nagaraj V. Dharwadkar, Design and Implementation of Land Area Calculation for Maps Using Mask Region Based Convolutional Neural Networks Deep Neural Network, Pattern Recognition and Image Analysis, Springer Journal, Vol 32, IF=1.0, 2022.
 42. Nagaraj V Dharwadkar, Amulya A Dixit, Anil K Kannur, Mohammad Ali Bandusab Kadampur, Santosh Joshi, Identification of Reasons Behind Infant Crying Using Acoustic Signal Processing and Deep Neural Network for Neonatal Intensive Care Unit, Vol. 12, Issue 1, pp. 1-17, IGI Global Publisher, 2022.
 43. Nagaraj V Dharwadkar, Srikant Shetgar, Manoj Patil, Abhijeet P Shah, Assigning the Test Case Priorities Using Butterfly Optimization Algorithm for Software Test, Vol 10, Issue 1. pp. 1-15, IGI Global Publisher, 2022.
 44. More A Vishwendra, Pratiksha S Salunkhe, Shivanjali V Patil, Sumit A Shinde, PV Shinde, RG Desavale, PM Jadhav, Nagaraj V Dharwadkar, A Novel Method to Classify Rolling Element Bearing Faults Using K-Nearest Neighbor Machine Learning Algorithm, ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, Vol. 8, Issue 3, pp. 031202-1 to 031202-11, 2022.

45. Pathan, A.A., Nagaraj V. Dharwadkar, Design and Implementation of Land Area Calculation for Maps Using Mask Region Based Convolution Neural Networks Deep Neural Network. Pattern Recognition and Image Analysis, Vol. 33, Issue 1, 54–65, IF=1.0, 2023.
46. Ingaleshwar, S.S., Jayadevappa, D., Nagaraj V. Dharwadkar, Sine cosine bird swarm algorithm-based deep convolution neural network for reversible medical video watermarking, Multimedia Tools and Applications, (March-2023), IF=3.6, 2023.
47. Nagaraj V Dharwadkar, Ashutosh A Lonikar, Mufti Mahmud, High Embedding Capacity Color Image Steganography Scheme Using Pixel Value Differencing and Addressing the Falling-Off Boundary Problem, International Journal of Image and Graphics, IF=1.6, World Scientific Publishing Company. 2023.
48. Rajinder Kumar M Math, Nagaraj V Dharwadkar, Deep learning and computer vision for leaf miner infestation severity detection on muskmelon (Cucumis melo) leaves, Computers and Electrical Engineering, Vol. 110, Issue 3, Elsevier publisher, IF=4.3, 2023,
49. Nagaraj V. Dharwadkar, RajinderKumar M. Math, Enhanced Rendering-Based approach for improved quality of Instance segmentation in Detecting Green Gram (Vigna Rediata) Pods, Elsevier Publisher, Smart Agricultural Technology, Volume 7, March,2024, 100386, Q1, SJR=0.85, <https://doi.org/10.1016/j.atech.2023.100386> (Scopus, Web of Science Indexed, IF=6.3).
50. Madhuri R. Kagale, Parshuram M. Kamble, Nagaraj V. Dharwadkar, Enhanced Method of Detecting Wearing of Helmets in Traffic Using HOG-Sobel and Decision Tree Method, International Journal of Intelligent Systems and Applications in Engineering (IJISAE), Vol. 12, Issue 3, pp. 2955-2960, 2024, Q4, SJR=0.241, <https://ijisae.org/index.php/IJISAE/article/view/5884>, (Scopus Indexed).

Book Chapters/Lecture Notes: (4)

1. Sneha Patil, Nagaraj V. Dharwadkar, “High-Speed Big Data Streams: A Literature Review”, International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT-2019), Springer publishers, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 44) pp.1-17, 2019.
2. Nagaraj Dharwadkar, Shivananda Poojara, Anil Kannur "Risk Analysis of Diabetic Patient Using Map-reduce and Machine Learning Algorithm", Chapter 14, Published into " Handbook of Research on Engineering, Business, and Healthcare Applications of Data Science and Analytics" Edited by Bhushan Patil (Mumbai University, India) and Manisha Vohra (Mumbai University, India) IGI Global Publishers, 2021
3. Nagaraj V. Dharwadkar, Yadav A.M. (2021) Survey on Techniques in Improving Quality of Underwater Imaging, Computer Networks and Inventive Communication Technologies. Lecture Notes on Data Engineering and Communications Technologies, vol 58. Springer, Singapore.
4. Nagaraj V Dharwadkar, Mufti Mahmud, Ashutosh A Lonikar, David J Brown, A Medical Image Steganography Scheme with High Embedding Capacity to Solve Falling-Off Boundary Problem Using Pixel Value Difference Method, ICONIP 2022. Communications in Computer and Information Science, vol 1794. Springer, Singapore, 2022

International Conferences: (34)

1. Nagaraj V. Dharwadkar & B. B. Amberker, "Estimating the Embedding Capacity of a Color Image using Color Difference" , Proceedings of IEEE Seventh International Conference on Wireless and Optical Communications Networks (WOCN2010), 6- 8 September, 2010, Colombo, Sri Lanka, pp. 1-5, 2010.
2. Nagaraj V. Dharwadkar, B. B. Amberker, Supriya & Prateeksha B. Panchannavar, "Reversible Fragile Medical Image Watermarking with Zero Distortion", Proceedings of IEEE International Conference on Computer & Communication Technology, (ICCCCT'10), September 17-19, 2010 Allahabad, India, pp. 248-253, 2010.
3. Nagaraj V. Dharwadkar, B. B. Amberker & Avijeet Gorai, "Non-blind Watermarking scheme for color images in RGB space using DWT-SVD ", Proceedings of IEEE International Conference on Communications and Signal Processing, NIT, Calicut, India, pp. 489-493 , 2011
4. Nagaraj V. Dharwadkar, D. G. Savakar , S. S. Panchal , A. A. Javaji, "Effect of water on Neural Network based soil image Recognizer and Classifier", 3rd International Conference on Digital Image Processing – ICDIP 2011, April 15-17, 2011, Chengdu, China.
5. Nagaraj V. Dharwadkar, B. B. Amberker, Nagaraj V. Dharwadkar, B. B. Amberker, "High embedding capacity and fast image watermarking using Reversible Contrast Mapping", International Conference on Signal, Image and Video Processing, ICSIVP-2012, pp. 273-277, IIT, Patna.
6. Nagaraj V.Dharwadkar, B. B. Amberker, "Reversible Steganographic scheme with high embedding capacity using Dual cover images", International Conference on Security and Cryptography, SECRYPT-2012, pp.15-24, Rome, Italy. (SCI indexed)
7. Nagaraj V. Dharwadkar, Girish K. Kulkarni, T.Y. Melligeri and B.B. Amberker "The Image Watermarking Scheme Using Edge Information in YCbCr Color Space", 4th International Conference on Information Security and Artificial Intelligence (ISAI-2012), November 17-18, 2012,Pune, India
8. Nagaraj V.Dharwadkar, B. B. Amberker, "An Adaptive Gray-Scale image Watermarking Scheme using Smooth and Edge areas of an image " , International Conference on Intelligent Systems and Signal Processing (ISSP2013), March 1- 2, 2013, Gujarat, India, pp. 66-71.
9. Nagaraj V.Dharwadkar, Samreen Sultana R. Nagthan and Prema T. Akkasaligar, "Adaptive Data Hiding Using Cluster Based PVD and LSB", Proceedings of Second International Conference on Emerging Research in Computing, Information, Communication and Applications, (ERCICA-14), pp. 857-863, 2014.
10. Nagaraj V.Dharwadkar, K. A. Parane, S.R. Poojara, "A Novel Scheme of Data Hiding for Color Images in Spatial Domain with High Capacity of Embedding", 6th International Conference on Computer and Communication Technology (ICCCCT-2015), pp. 403-407, NIT, Allahabad.

11. Ketan N. Mahajan and Nagaraj V. Dharwadkar, "Classroom attendance system using surveillance camera" International Conference on Computing Communication and Energy system (ICCCES-2016) , RIT, Islampur, pp. IJIERT-P15-569, 2016
12. Prachi S. Shete and Nagaraj V. Dharwadkar, "Underwater image De-hazing using enhanced WCID" International Conference on Computing Communication and Energy system (ICCCES-2016) , RIT, Islampur, pp. IJIERT-P15-571, 2016
13. Rutuja M. Shinde and Nagaraj V. Dharwadkar, "Enhanced scheme for handwritten offline signature verification" International Conference on Computing Communication and Energy system (ICCCES-2016) , RIT, Islampur, pp. IJIERT-P15-576, 2016
14. Kunal Ashok Shinde, Omkar Rajendra Gandhi, Somanath Rohidas Langute and Nagaraj V. Dharwadkar, "Adaptive image steganography using pixel intensity difference " International Conference on Computing Communication and Energy system (ICCCES-2016) , RIT, Islampur, pp. IJIERT-P15-579, 2016
15. Vishal Baban Ghule, S. R. Poojara and Nagaraj V. Dharwadkar, "A survey of benchmarking of hypervisor " International Conference on Computing Communication and Energy system (ICCCES-2016) , RIT, Islampur, pp. IJIERT-P15-578, 2016
16. Nagaraj V. Dharwadkar, Anupama K. Ingale, Prateek Kodulkar, "Universal Steganalysis using DWT and Entropy Features", IEEE International Conference on Signal and Information Processing, IConSIP 2016 Nanded, India.
17. Nagaraj V. Dharwadkar, Prachi Shete, "Development of Visibility and Color Infallibility of Underwater Images" , IEEE International Conference on Computing Analytics and Security Trends CAST-2016.
18. S. R. Poojara, Nagaraj V. Dharwadkar, "Overview on Scheduling of Virtual Resources for Scientific Workflows across Federated Cloud", WCE Research Symposium on Computing - RSC 2016.
19. Nagaraj V. Dharwadkar, Rajindher Math "A Wireless Sensor Network Based Low Cost and Energy Efficient Frame Work for Precision Agriculture, 2nd IEEE Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2017)
20. Nagaraj V. Dharwadkar, S. R. Poojara,, Gauri Kalyankar, "Predictive Analysis of Diabetic Patient Data Using Machine Learning and Hadoop", IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2017.
21. Nagaraj V. Dharwadkar, Priyanka A. Nandurge, "Analyzing Road Accident Data using Machine Learning Paradigms", IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2017.
22. Subodh S. Ingaleswar, Nagaraj V. Dharwadkar, "VLSI BAsed Reversible watermarking of Medical Images", International Conference on 2018 ISMAC - CVB in Computational Vision and Bio-Engineering (2018 ISMAC - CVB) By Springer.

23. Amulya Dixit, Nagaraj V. Dharwadkar, "A Survey on Detection of Reasons behind Infant Cry using Speech Processing" , 7th IEEE International Conference on Communication and Signal Processing – ICCSP-2018.
24. RajinderKumar M. Math and Nagaraj V. Dharwadkar, "IoT Based Low-cost Weather Station and Monitoring System for Precision Agriculture in India " 2nd IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018.
25. Pravin Bhaskar Ramteke, Amulya A. Dixit , Sujata Supanekar , Nagraj V. Dharwadkar , Shashidhar G. Koolgudi, "Gender Identification From Children's Speech", IEEE Eleventh International Conference on Contemporary Computing (IC3), 2-4 Aug. 2018, Noida, India.
26. Omprakash W. Tembhurne, Deepti Shrimankar, Nagaraj V. Dharwadkar, Manish Paliwal, "An Improved Endmember Extraction Using Evolutionary Approach", ICIIS-2018, 13th IEEE International conference on Industrial and Information System, IIT, Ropar, 2018.
27. Pravin Bhaskar Ramteke ; Amulya A. Dixit ; Sujata Supanekar ; Nagraj V. Dharwadkar ; Shashidhar G. K "Gender Identification From Childrens Speech", IEEE-Eleventh International Conference on Contemporary Computing (IC3), pp. 21-28, Noida, India, August-2018.
28. Shivanada S. Poojara, Nagaraj V. Dharwadkar, "Benchmarking of Hypervisors and containers for application deployment in clouds", IEEE International Conference on Computational Techniques, Electronics and Mechanical Systems, GIT Belgaum, pp. 15-21, December 2018
29. Amruta K. Savaashe, Nagaraj V. Dharwadkar, "A Review on Cardiac Image Segmentation", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication, March 27-29, 2019 Surya Engineering College, Erode, India., ICCMC-2019.
30. Dhanshri Mali, R. T. Patil, Nagaraj V. Dharwadkar, Omprakash T, "Real-Time Smart Surveillance System Using Raspberry Pi", Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan Jaipur, pp. 20-27, Feb 2019.
31. Anagha Pakhare , Nagaraj V. Dharwadkar, Literature Review on Agricultural Internet of Things, International Conference on Big Data, Machine Learning and Their Applications (ICBMA-2020), 5th-7th June, 2020, Springer proceedings, MNIT Allahabad.
32. Krunal B Pawar, Nagaraj V Dharwadkar, Pradeep A Deshpande, Shivakumar K Honawad, Pramod A Dharmadhikari, An Android Based Smart Robotic Vehicle for Border Security Surveillance System, IEEE Fourth International Conference on Computational Intelligence and Communication Technologies (CCICT), 2021.
33. Nagaraj V Dharwadkar, Sentiment analysis of Twitter data: A literature review, International Conference on Computer science and computational mathematics, Jul 2022
34. Nagaraj V. Dharwadkar, Mufti Muhammad, Ashitosh, David , A Medical Image Steganography Scheme with High Embedding Capacity to Solve Falling-Off Boundary Problem using Pixel Value Difference Method, International Conference on Neural Information Processing, Apr-23.

National Conferences: (5)

1. Nagaraj V Dharwadkar, B S Anami, Dayanand G. Savakar , S.S. Panchal, “General Soil Classifier Using Artificial Neural Network”, Proceedings of ICTPA 2007, pp. 77-83, BEC, Bagalkot, 2007.
2. Nagaraj V Dharwadkar, B S Anami, Dayanand G. Savakar, “A Neural Network Model For Classification And Grading Of Pomegranates Image samples ”, Proceedings of 4th National conference on Innovations in Information and Communication Technology (NCIICT-08), pp. 90-96, PSG, Coimbatore, December 12-13, 2008.
3. Gauri Kalyankar, S. R. Poojara,, Nagaraj V. Dharwadkar, “Weblog Analysis Using Hadoop”, National Research Symposium on Computing (RSC), ACM Chapter, Walachand College, Sangli, 2016.
4. Shivananda R. Poojara, Nagaraj V Dharwadkar “Overview on Scheduling of Virtual Resources for Scientific Workflows across Federated Cloud” National Research Symposium on Computing (RSC), ACM Chapter, Walachand College, Sangli, 2016.
5. Gauri D. Kalyankar, Shivananda R. Poojara, Nagaraj V. Dharwadkar, Manoj A. Patil , Comparative Study of Decision Tree and Neural Network for the Analysis of Diabetes Data, 6th National Conference on “Recent Advances in Technology and Engineering – RATE-2017 at T JOHN INSTITUTE OF TECHNOLOGY, Bangalore, 2017.

Number of Design Patent Published: (6)

1. Dr. Piyush Kumar Pareek, Dr. Nagaraj V. Dharwadkar, Dr. Vijay H. Kalmani. AIR PURIFIER BASED ON ARTIFICIAL INTELLIGENCE, Design No: 394557-001, The Patent Office, Government of India, 19/12/2023.
2. Dr. Piyush Kumar Pareek, Dr. Nagaraj V. Dharwadkar, Dr. Vijay H. Kalmani, AGRICULTURAL ROBOT BASED ON INTERNET OF THINGS TO MONITOR CROP HEALTH, Design No: 394556-001, The Patent Office, Government of India, 30/10/2023
3. Dr. Piyush Kumar Pareek, Dr. Nagaraj V. Dharwadkar, SCALP HEALTH DETECTION DEVICE, Design No: 394558-001, 25/10/2023
4. Dr. Piyush Kumar Pareek, Dr. Vijay H. Kalmani, Dr. Nagaraj V. Dharwadkar, VIDEO SCREEN INTEGRATED WITH SURVEILLANCE CAMERA, Design No: 394559-001, 14/11/2023.
5. Dr. Piyush Kumar Pareek, Dr. Vijay H. Kalmani, Dr. Nagaraj V. Dharwadkar, FILE STORAGE RACK BASED ON INTERNET OF THINGS, Design No: 394560-001, 26/10/2023
6. Dr. Piyush Kumar Pareek, Dr. Vijay H. Kalmani, Dr. Nagaraj V. Dharwadkar, PHYSIOTHERAPY DEVICE FOR HAND MOBILITY AND POSTURE CORRECTION, Design No: 394561-001,08/11/2023

Conferences / Seminar / Workshops / STTP's Attended:

A) International:

Sr. No.	Name of Conference	Program	Host Institute	Duration	No. of Days
01	"IEEE International Conference on Computer & Communication Technology (ICCCT'10)"	International conference as paper presenter.	National Institute of Technology, Allahabad, India	17 th – 19 th Sept. 2010	03
02	"IEEE International Conference on Communications and Signal Processing (ICCSP-2011)"	International conference as paper presenter.	National Institute of Technology, Calicut, India.	10 th – 12 th Feb. 2011	03
03	"IEEE International Conference on Signal, Image and Video Processing (ICSIVP-2012)"	International conference as paper presenter.	Indian Institute of Technology, Patna, India	13 th -15 th Jan. 2012	03
04	ISAI-2013	International conference as paper presenter.	Pune		02
05	ISSP 2013,	International conference as paper presenter.	G. H. Patel College of Engg. & Tech, Anand, Gujarat	1-2 nd March 2013	02
06	IWCVML-2014	International Workshop on Computer Vision and Machine Learning	SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING, Puttaparthi, AP	10-13 th December, 2014	04
07	ISACA-2015, ITS	International conference on Redefining Governance in the Interconnected World	ISACA, PUNE, MAHARASHTRA	13-14 th March, 2015	02
08	Training on Management Capacity Enhancement Programme (MCEP) for TEQIP Institutions	Training on Management Capacity Enhancement Programme	Indian Institute of Management (IIM), Udaipur	30 th March- 4 th April 2015	06
09	IEEE 6 th International Conference on Computer and Communication Technology, ICCCT-2015	International conference as paper presenter.	National Institute of Technology, Allahabad, India	25 th – 27 th September, 2015	03
10	45 th ISTE Annual National Convention & International Conference	International conference as Delegate	College of Engineering and Technology, HVPM Campus Amravati. Maharashtra	9 th - 11 th Jan, 2016	03
11	4 th International conference on Computational Intelligence in Data Mining	International conference as paper presenter.	Veer Surendra Sai University of Technology, Odisha , Burla	11 th -12 th Nov, 2017	02
12	Fifth international conference on transformation in engineering education ICTIEE 2018	International conference as paper presenter.	Thiagarajar COE, Madurai	07 th -09 th Jan , 2018	2

B) National:

Sr. No.	Name Of Conference / Summer – Winter School	Program	Host Institute	Duration	No. of Days
1.	4 th National conference on Innovations in Information and Communication Technology	National conference as paper presenter	PSG College of Technology, Coimbatore, India.	12 th – 13 th Dec. 2008	02
2.	IBM Faculty Development Program Conducted By IBM Academic Initiative.	Workshop	B.L.D.E.A's CET, Bijapur	2 nd -3 rd May, 2008	02
3.	"Cluster Computing"	Workshop	Atria Institute of Technology, Bangalore	6 th – 10 th Dec. 2007	05
4.	"Networks lab Workshop"	Workshop	Dayanand Sagar Institute of Technology, Bangalore	10 th Oct. 2005	01
5.	"IBM Rational Rose"	Workshop	SDM College of Engineering and Technology, Dharwad.	12 th -16 th Dec. 2004	05

6.	“The JED-I- Project Challenge-2011”	Project Challenge	Indian Institute of Technology, Bangalore.	10 th Oct. 2011	01
7.	“Infosys Campus Connect Faculty Enablement Program ”	Workshop	Infosys Campus, MYSORE	30 th Jan. -3 rd Feb. 2012	05
8.	Training the trainer workshop on Intellectual Property Rights	Workshop	VTU, Belgaum	6 th Jan 2014	01
9.	International Conference on “Harnessing Technology Skills for Employability”	International Conference	VTU, Belgaum	21 th and 22 nd Feb. 2014	02
10.	Role of Teachers Challenges and Opportunities	workshop	VTU, Belgaum	23 rd Feb 2014	01
11.	Student Assessment in Outcome Based Education	Workshop	Rajarambapu Institute of Technology, Islampur	27 th June, 2014	01
12.	Workshop on “First Year curriculum design”	Workshop	Rajarambapu Institute of Technology, Islampur	19 th -20 th Feb 2016	01
13.	Infosys campus connect program “Principal meet”	Workshop	Infosys, Pune	30 th March, 2016	01
14.	TCS “SPANDHANA” HODs meet	Workshop	TCS, Pune	31 st March, 2016	01
15.	Two day faculty development workshop on "Innovative Goal Setting"	Workshop	RIT Gurukul	07-11 Nov -16	02
16.	faculty development workshop on "Innovative Goal Setting"	Workshop	RIT Gurukul	12-Nov-16	01
17.	workshop on " Innovating Goal Setting"	Workshop	RIT Gurukul	06-07- Dec -16	02
18.	Participated in oral presentation at " National Research Symposium on Computing , RSC 2016"	Workshop	WCE ACM Student Chapter	19-20- Dec -16	02
19.	One week faculty development program "Advance Pedagogy Training Program"	Workshop	EQATE & RIT	30-31 Dec 2016 & 2-4 Jan 2017	6
20.	Fourth International conference on Transformations in Engineering Education ICTIEE	Workshop	Vardhaman COE, Hydrabad	06-08Jan-17	03
21.	Conducted the POE Solapur University, Evaluation of M. E. Dissertation	Workshop	NBNSCOE, Solapur	08-Feb-17	01
22.	presented paper entitled " Cost estimation of civil construction projects using machine learning program"	Workshop	International conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC-2017)	10-Feb-17-11-Feb-17	02
23.	presented paper entitled " Analysis of Banking Data using Machine Learning "	Workshop	International conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC-2017)	10-Feb-17-11-Feb-17	02
24.	presented paper entitled " Biometric Authentication using keystroke Dynamics"	Workshop	International conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC-2017)	10-Feb-17-11-Feb-17	02
25.	presented paper entitled " Analyzing road accident data using machine learning "	Workshop	International conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC-2017)	10-Feb-17-11-Feb-17	02
26.	National Level workshop on "Effective implementation of NAAC criteria"	Workshop	IQAC, RIT	10-Mar-17-11-Mar-17	02
27.	One day faculty development program on " Writing Effective Research Propasals"	Workshop	EQATE & RIT	19-Mar-17	01
28.	Chairing the session at 3rd RIT Post Graduates Conference (RIT PG Con-17)	Workshop	RIT	25-Mar-17	01
29.	Paper reviewer in 3rd RIT Post Graduates Conference (RIT PG Con-17)	Workshop	RIT	25-Mar-17	01
30.	Worked as judge for event "NAV-NIRMITI" of Quantun -17-A National Level Technical Symposium	Workshop	RIT	22-Apr-17	01
31.	One-week STTP on “Data analysis using SPSS”	Workshop	M.B.A. dept. , Rajarambapu Institute of Technology, Rajaramnagar	01 Jan to 05 Jan 2018	5
32.	One day workshop on “Leadership Development Program at RIT”	Workshop	Internal Quality Assurance Cell, RIT	13 Jul 2019	01
33.	One Week FDP on “Effective Teaching Learning and Outcome Based Education”	FDP	RIT-Center for Teaching Learning	04-08 Nov 2019	05
34.	One day online webinar Sponsored by NBA on " Awareness webinar on	Webinar	COE, Pune	27 Nov 2020	01

	Outcome Based Education and Accreditation"				
35.	Two Days Special Training Workshop Personal Effectiveness, Accountability & Ownership, Adaptability & Flexibility, Empathy in Teaching	Workshop	RIT, Islampur	26-27 Feb 2021	02
36.	IUCEE Administration/Leadership FDP for NEP 2020 Implementation	Training	Dr. Manu K. Vora, Business Excellence, Inc., Illinois, USA and Dr. Anil Kumar Agrawal, IIT (BHU), Varanasi, India	March-May 2021	3 Months
37.	Short Term Training Programme through ICT Mode on "Machine Learning with R Programming"	Training	National Institute of Technical Teachers' Training & Research NITTTR, Kolkata	14-18 Jun 2021	05
38.	Participation in IUCEE Annual Leadership Summit-2021	Summit	Indo-Universal Collaboration for Engineering Education	09-11 Jul /2021	02
39.	Participating in the Infosys Campus Connect Conclave 2021	Training	Infosys Springboard	30 Dec 2021	01
40.	AICTE-ISTE Induction/Refresher programme entitled "Intelligent Technologies for Autonomous Vehicle Systems"	Refresher programme	Department of Computer Science and Engineering, of RIT, Sakharale(MH)	14-20 Jan 2022	05
41.	One day workshop on "Outcome Based Education Practice"	Workshop	Rajarambapu Institute of Technology, under the Lead College Scheme of Shivaji University, Kolhapur	12 Feb 2022	01
42.	Presenting a paper in the virtual mode at the 29th International Conference on Neural Information Processing (ICONIP 2022)	Paper presentation	Jointly organized by IIT Indore & IIIT Allahabad	22-26 Nov 2022	04
43.	5 days Faculty Development Program on "Deep Learning Application Development, Tools and Research	FDP	Dept. of Artificial Intelligence and Data Science, VIIT, Pune	28 Feb -4 March 2023	05

References:

1. Dr. B. B. Amberker
Professor, Department of Computer Science and Engineering
National Institute of Technology, Warangal, AP, India.
Email: bba@nitw.ac.in
2. Dr. DVLN Somayajulu
Professor, Department of Computer Science and Engineering
National Institute of Technology, Warangal, AP, India.
Currently, He is the Director of IIIT Karnool,
Email: soma@nitw.ac.in, somadvlns@gmail.com

I hereby declare that the information above mentioned is true to the best of my knowledge.

Place :

Dr. Nagaraj V. Dharwadkar

Date: