


P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. Anitha M L	
Designation,	Professor	
Address for communication	Department of Computer Science & Engineering P.E.S College of Engineering, Mandya – 571 401	
Research Area	Computer Vision	
Contact Number	+91 9945576186	
Email ID	anithaml@pesce.ac.in / anithamuralikrishna@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	P.E.S.C.E,Mandya	University of Mysore	2017	-	-
MSc(Engg) by Research	P.E.S.C.E,Mandya	VTU, Belgaum	2008	-	-
B.E.	P.E.S.C.E,Mandya	University of Mysore	1990	-	First

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya	Professor	June 2017 to till date	
	Associate Professor	April 2015 to May 2017	02 years
	Assistant Professor	Jan 2006 to March 2015	08 years 03 months
	Lecturer	1994-2005	12 years
SJCIT, Chikkaballapur	Lecturer	1991-1993	03 years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Computer Graphics, System Simulation and Modeling, Embedded Systems, System software, Data Mining, Unix and Shell Programming, C Programming, Object Oriented Programming with Java, Object Oriented Modeling and Design, Data Structures, Web Technologies, Java Programming, Client Server Computing, Business Intelligence, Artificial Intelligence, Cloud Computing, Machine Learning <u>Post Graduate (M.Tech):</u> Embedded Systems, Computer System performance and Analysis, Data Mining and data warehousing
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	Nil	Nil
Pursuing	04	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	--	09
Conferences/Symposia	--	08

Other Important Responsibilities Held in the College

- Organizing Chair at Fourth International Conference on "Emerging Research in electronics, Computer Science and Technology" ICERECT 2022. held during 26th and 27th December 2022 at PESCE, Mandya.
- Additional student welfare officer for girls from Dec 2021.
- Warden, Ladies Hostel from Dec2017 to June 2021
- Member of college Academic Council
- Member of organizing team for conducting National level event HACHMANIA 3.0 organized at college level on Feb 28th and 01st March 2020.

PUBLICATIONS LIST

Conference Publications:

1. M. L. Anitha, G. S. Gowda, L. Tejaswini, P. Prokshith, Amith Gupta P S, "Smart Identification of Nutrient Based pH for an NFT Hydroponic System," 2023 Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA), Ernakulam, India, 2023, pp. 1-5, doi: 10.1109/ACCTHPA.57160.2023.10083370.
2. Anitha M L; Jnaneshwari A; Harshitha S R; Bhanu Nagesha M, "IoT Based Automated Hydroponic System Using Light Intensity for Lettuce Growth," 2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), Mandya, India, 2022, pp. 1-5, doi: 10.1109/ICERECT.56837.2022.10060509.
3. Anitha. T. Nair, Anitha. M. L and Arun Kumar. M. N, "Disease Grading of Diabetic Retinopathy using Deep Learning Techniques," 2022 6th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2022, pp. 1019-1024, doi: 10.1109/ICCMC.53470.2022.9754113.
4. M.L. Anitha, K.A. Radha Krishna Rao, "Fusion of Finger Inner Knuckle Print and Hand Geometry Features to Enhance the Performance of Biometric Verification System", World Academy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, Volume 10, Number 10, pp1282-1287, October 2016.
5. M.L. Anitha, K.A. Radha Krishna Rao, "Multiple Features from Palm Region to Enhance the Performance of Biometric Verification System", Lecture Notes in Engineering and Computer Science: Proceedings of the World Congress on Engineering and Computer Science 2016, Volume I, WCECS 2016, October 19-21, 2016, San Francisco, USA, pp496-501, 2016.
6. M L Anitha and K A Radha Krishna Rao, "An Efficient Approach for Classification of Palmprint images using Heart Line Features", International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2015), P.E.S.C.E., Mandya, December 2015. Pp 329-334, December 2015. DOI: 10.1109/ERECT.2015.7499036, Publication Year: 2015 Page(s): 329-334 in IEEE Explore digital library.
7. M.L Anitha and K A Radha Krishna Rao, "A Novel Bimodal Biometric Identification System based on Finger Geometry and Palm Print", 19th International Conference on Digital Signal Processing, (DSP 2014), Hong Kong polytechnic university, Hong Kong, 2014. DOI: 10.1109/ICDSP.2014.6900730, Publication Year: 2014 Page(s): 574 – 579 in IEEE Explore digital library.
8. M L Anitha and K A Radha Krishna Rao, "An Efficient Palmprint Identification System based on an Indexing approach", International Conference on Advances in Computing Communication & Informatics (ICACCI 2013), SJCE, Mysore, 2013. DOI: 10.1109/ICACCI.2013.6637256, , Publication Year: 2013 Page(s): 688-693 in IEEE Explore digital library

Journal Publications:

1. Anitha T Nair, Anitha, M.L., Arun Kumar, M.N., "Segmentation of Retinal Images Using Improved Segmentation Network, MesU-Net", International Journal of Online and Biomedical Engineering, 19(15), pp. 77–91. <https://doi.org/10.3991/ijoe.v19i15.41969>, 2023.
2. Anitha, Arun Kumar M. N., Anitha M. L. & Anil Kumar M. N., "Computer Aided Diagnostic System for Diabetic Retinopathy Detection using Image Processing and Artificial Intelligence", International Journal of Computer Science and Information Security (IJCSIS), IJCSIS May 2021 Volume 19 No. 5, pp48-63, May 2021.
3. Harshith H, Dr Anitha M L (2020) "iSmart Cyclist Jacket", International Journal of Computer Science and Mobile Computing (IJCSMC), ISSN: 2320-088X, Vol.9 Issue 8, pg. 56-62.
4. Harshith H, Dr Anitha M L (2020), "Survey on Safety Devices Using IOT", International Journal for Research in Engineering Application and Management (IJREAM), e-ISSN: 2454-9150, Volume: 06 Issue: 01, pp450-453.
5. Govind Raj, Dr Anitha M L (2019), "Design And Implementation Of Automatic Energy Meter Using Internet Of Things (IoT)", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, Volume 6, Issue 5, May 2019, pp 120-124.
6. Dr. Anitha M.L, Sumiaya Fathima (2018), "Optimal Delivery of Baggage to Passengers at Airports", International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, Volume: 05 Issue: 06, pp201-205.

7. S.Raviraja, Manasa.E, M.L.Anitha(2016),”Computational Vision System for Classification and Recognition of Malignant Melanoma using Image Processing and ABCD Rule Techniques”, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 6, Issue 6, pp. 588-611 .
8. Ramya.S and M.L.Anitha(2015), “Recommendation System for Videos in cloud based on user behavior”, International Journal of Computer Science and Informational Technology Research, ISSN No 2348-120X, Volume 3, Issue 2, pp 759-764.
9. M L Anitha and K A RadhaKrishna Rao (2015), “A Novel Binning and Indexing Approach Using Hand Geometry And Palm Print To Enhance Performance Of Biometric Identification System”,International Journal of Computational Science and Applications(IJCSA), Volume 5 – Number 5,pp13-25,.
10. M L Anitha and K A RadhaKrishna Rao(2015), “Extraction of Region of Interest (ROI) for Palm Print and Inner Knuckle Print”, International Journal of Computer Applications (0975 – 8887) Volume 124 – Number.14, pp21-26.