SRM TRP Engineering College, Trichy

Department ofElectronics and Communication Engineering

FacultyProfile

Name	:	Dr. RAMASUBRAMANIAN B					
Date of Birth	:	12.08.1987					
Highest Qualification:		Ph.D					
Date of Joining	:	12.06.2019					
Designation	:	PROFESSOR & HoD/ECE					
Date of promotion (Present Designation):							
Area of Interest	:	IMAGE PROCESSING, IoT					
Mobile No	:	+91-8110977339		EmailID :	hod.ece@trp.srmtrichy.edu.in		
Experience	:	Teaching:	12 years 3 Months	Industry :	NIL	Research:	3
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		RAMANATHAPURAM - 623501					

Association with Professional Bodies

Name(Professional Body)	IETE	IAENG		
Type of Membership	Life time	Life time		

Research

Ph.DGuidance					
Supervisor /GuideshipNo.:		University:		No.ofScholars:	

Publication*			
International Journals :	12	National Journals :	NIL
International Conference :	15	National Conference:	5
ProjectGrants(Researchprojectsguidedorundertaken/SponsoredProjects)			
Received(Amount) :	Rs. 21,765	Applied(Amount) :	75,264
Patent			
Published :	03	Granted :	

Books

Published :	04

FDPs/STTPs/Workshops/Seminarsetc.,

FDP		STTP		Workshop		Seminar		Others	
Attended:	7	Attended:	2	Attended:	15	Attended:	21	Attended:	
Organized:	18	Organized:	0	Organized:	43	Organized:	61	Organized:	

Onlinecourses(NPTEL,MOOCetc.)	**4**

***List of Publications:**

1. B.Ramasubramanian, Dr.S.Selvaperumal, "Efficient approach for the automatic detection of haemorrhages in colour retinal images" in IET Image Processing, Online ISSN 1751- 9667. (AU Annexure).
2. TK Yoo, JY Choi, JG Seo, B Ramasubramanian, S Selvaperumal, DW Kim "The possibility of the combination of OCT and fundus images for improving the diagnostic accuracy of deep learning for age-related macular degeneration: a preliminary experiment" in Medical & Biological Engineering & Computing- Springer Berlin Heidelberg (AU Annexure).
3. B.Ramasubramanian, Dr.S.Selvaperumal, "An Efficient MATLAB App. for the grading of Diabetic Retinopathy using Color Fundus Images" in International Journal of Control Theory and Applications, Volume 10–pp. No.625-638, March 2017.
4. B.Ramasubramanian, "An Efficient CORDIC based Low power HT architecture", in International Journal of Applied Engineering Research, pp.519-524, August, 2015. 5. B.Ramasubramanian, Dr.S.Selvaperumal, "A Novel Efficient Approach for the Screening of New Abnormal Blood Vessels in Color Fundus Images" in Applied Mechanics and Materials, Volume 573–pp. No.808-813, June 2014.
5. B.Ramasubramanian, "An Early Screening System for the Detection of Diabetic Retinopathy using Image Processing" in International Journal of Computer Application, ISSN: 0975-8887, Volume 61–No.15, January 2013.
6. Ramasubramanian B., Mahendran G., "An Efficient Integrated Approach for the Detection of Exudates and Diabetic Maculopathy in Colour fundus Images" Advanced Computing: An International Journal (ACIJ), Vol.3, No.5, pp. 83 -91, September 2012.
7. B.Ramasubramanian, "An Efficient Approach for the detection of new vessels in Diabetic Retinopathy Images" in International Journal of Engineering and Innovative Technology, ISSN: 2277-3754, Vol.2, Issue 3, September 2012.
8. B.Ramasubramanian, "Detection of Moving Object in Dynamic Visual Sequences based on partial Least Squares classifier", in Journal of Medical Systems, Vol.43, Issue-259, 2019. 10.
9. B.Ramasubramanian, "Modeling and simulation of Flyback converter using SPICE model", in International Journal of Recent Technology and Engineering, Vol.8, Issue-3, 2019.
10. B.Ramasubramanian, "A Comprehensive Analysis of Various Delineation method for Exudates in Fundus Images using Miniaturized Pi Board" in Journal of Physics, IOP Publishing, 2023.