CURRICULUM VITAE

P SUBBUTHAI
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Skill Set

Subject skill	Electronic device, Digital Electronics, control system, DSP
Programming Languages	MATLAB □ 8051
Web Technologies	HTML
Operating Systems	MS Windows

Education

- **Ph.D (Electronics and Instrumentation),** Bharathiar University, Coimbatore, got commanded for my research work.
- **M.Phil (Electronics and instrumentation)**, Bharathiar University, Coimbatore, Tamilnadu, **67%**(**Nov 2012**) got highly commanded for my research work.
- **M.Sc (Electronics and instrumentation),** Bharathiar University, Coimbatore**,** Tamilnadu, **78.5%**(**May 2011**)
- **B.Sc (Electronics),** Manonmaniam Sundranar University, Tirunelveli, Tamilnadu, **85%(Apr 2009)**
- **HSC,** St.paul's matriculation higher secondary school, Kovilpatti,**69%(Apr 2006)**
- **SSLC,** St.paul's matriculation higher secondary school, Kovilpatti,**71%**(**2004**)

Projects Executed

PROJECT 1: IDENTIFYING THE CHARACTER BY APPLYING PCA METHOD USING MATLAB (2012)

PROJECT 2: IDENTIFICATION AND CLASSIFICATION OF ABNORMALITIES IN DIABETIC RETINOPATHY USING MACHINE LEARNING APPROACH AND MATHEMATICAL MORPHOLOGICAL METHOD (2014-2016)

Achievements

- Got **GOLD MEDAL** in B.SC Electronics (Manonmaniam Sundaranar University), Tirunelveli.
- University Rank Holder in Bharathiar University.
- Research paper is selected in International Conference Conducted in Singapore in January 2015.

Publications in journals

- P. Subbuthai, K. Kavithabharathi, S. Muruganand, Reduction of types of Noises in dental Images, International Journal of Computer Applications Technology and Research, 2013
- P. Subbuthai, S. Muruganand, "Novel algorithm for Restoration of Retina Images", World Academy of Science, Engineering and Technology Vol: 2, No: 1, 2015. (Scopus Index journal)
- Stalin Subbiah , Rajkumar Patro, Subbuthai P, Feature Extraction and Classification for ECG Signal Processing based on Artificial Neural Network and Machine Learning Approach, International Conference on Inter Disciplinary Research in Engineering and Technology [ICIDRET], 978-81-929742-5-5, 25 - March – 2015.
- P. Subbuthai. S.Muruganand, "Restoration of Retina images using Extended Median Filter Algorithm", 2015 2nd International Conference on Signal Processing and Integrated Networks (SPIN), Noida, 2015, pp. 131-138 (IEEE Digital Library)
- P Subbuthai, S Muruganand. "Candidate Region Extraction in Retina images through Extended Median Filter and Gabor Filter." International Conference on Inter Disciplinary Research in Engineering and Technology, 2015.
- P.Subbuthai and S.Muruganand, "Automatic Detection of Microneurysm in Diabetic Retinopathy Using Morphological Method", Journal of Advanced Research in Dynamical and Control Systems, Vol 2; 2017. (Scopus Index journal)
- P.Subbuthai and S.Muruganand, "A Review on detection of abnormality in Diabetic Retinopathy", Indian Journal of Computer Science and Engineering, Vol. 8 No. 5,2017 (Scopus Indexed Journal)
- P. Subbuthai and S.Muruganand, "ROC Curve analysis for automatic detection of Microaneurysms in the retinal fundus image", International Journal of ChemTech Research, Vol 10, No.13, 2017 (ACCEPTED) (Scopus Indexed Journal)

Book publication:

BOOK TITLE: SIMPLE PROGRAM IN MATLB,
ISBN   : 978-81-19824-09-0
Year   : 2015
Publisher   : EroGanic Publications, Erode-638112

Teaching Experience:

Presently teaching in St. Joseph's College, Trichy-620002, Since 2020.