

ABDU RAHIMAN V
ASSISTANT PROFESSOR



Contact Details

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Professional Qualifications

B-Tech	Specialization	Electronics and Communication Engineering
	Institute/University	University of Calicut
	Year	1998
M-Tech	Specialization	Signal Processing
	Institute/University	University of Kerala
	Year	2007

Areas of Interest

- Image processing, Computer Vision, Embedded Systems.

Professional Experience

- Teaching – 11 Years
- Software Engineer-1 year.

Responsibilities/Position

- Faculty advisor – M Tech Signal processing
- Faculty in charge of laboratory: Signal processing-PG lab, System simulation lab
- Assistant convener, KTU MTech Calicut cluster.

Training Details (2014-15 Onwards)

Course Name	Conducted By	Sponsoring Agency	Period	No of days
Complex Analysis and Fourier Analysis	IIT Roorkee	TEQIP	March 2017	5
Algorithms in Engineering	IIT Guwahati	TEQIP	Feb 2016	5
Computer interfaced scientific experiments	IUAC New delhi	UGC	Oct 2014	5
CUDA and GPU Programming	IIT Bombay	TEQIP	Dec 2013	3
Winter school on speech processing and applications	IIT Madras	TEQIP	Feb 2013	4
Pedagogy training	IIT Madras	TEQIP	Feb 2014	3

Publications

- V. Abdu Rahiman and C. V. Jiji, Face Hallucination Using PCA in Wavelet Domain. In Proceedings of the Third International Conference on Computer Vision Theory and Applications(VIS-APP 2008), Funchal, Madeira, Portugal, January 22-25, 2008 - Volume 1
- Kiran C.G., Lekshesh V. Prabhu, Abdu Rahiman V., Rajeev K., "Traffic Sign Detection and Pattern Recognition Using Support Vector Machine", *ICAPR*, 2009, Advances in Pattern Recognition, International Conference on, Advances in Pattern Recognition, International Conference on 2009, pp. 87-90, doi:10.1109/ICAPR.2009.58
- Abdu Rahiman V , Jiji C. V.Face Hallucination using Eigen Transformation in Transform Domain, *International Journal of Image Processing (IJIP) Volume(3), Issue(6), Pages - 265 – 282, January 2010*
- Steffy Maria Joseph, Abdu Rahiman V and Abdul Hameed K M, "SVM Based Feature Set Analysis in Dynamic Malayalam Handwritten Character Recognition" 2015 IEEE International Conference on Signal and Image Processing Applications (ICSIPA), Kuala Lumpur Malaysia, 19-21 October 2015.
- Abdu Rahiman V, Rohit U and Sudhish N George, Modified Dictionary learning for single image super resolution, IEEE international conference on Recent Advances in Information Technology (RAIT) 2016, Indian School of Mines, Dhanbad, March 2016

- Rohit U, Abdu Rahiman V and Sudhish N George, A robust face hallucination technique based on adaptive learning method, Journal of multimedia tools and applications, DOI 10.1007/s11042-016-3953-6, Springer, 2016
- Abdu Rahiman V and Sudhish N George, Single image super resolution using neighbor embedding and statistical prediction model, DOI: 10.1016/j.compeleceng.2016.12.018, Computers and Electrical Engineering, Elsevier 2017.