

FACULTY PROFILE

1	Name of Faculty		ABDU RAHIMAN		
2	Designation		ASSISTANT PROFESSOR		
3	Department		APPLIED ELECTRONICS AND INSTRUMENTATION		
4	D O J		23 May 2012		
5	Contact No		9895250616		
6	Email		vkarahim@gmail.com		
7	Academic Qualifications				
	Degree	Year	Branch/Area of specialization	Institution	
	PhD	2019	Signal Processing	National Institute of Technology Calicut	
	M. Tech	2007	Signal Processing	College of Engineering Trivandrum	
	B. Tech	1998	Electronics and Communication Engineering	Government College of Engineering Kannur	
8	Professional Experience				
	Period served	Name of Institution		Designation	
	Jan 2009 to May 2012	Government College of Engineering Kannur		Assistant Professor	
	Feb 2008 to Nov 2008	Network Systems and Technologies Pvt. Ltd, Technopark, Trivandrum		Software Engineer	
	Jul 2003 to Dec 2005	MES College of Engineering Kuttippuram, Kerala		Lecturer in Electronics and Communication Engineering	
9	Publications (List is attached)				
	Journal		3 Nos		
	International Conference		3 Nos		
	National Conference		1 Nos		
10	No. of STTPs attended from 2012		(List is attached)		
11	Membership in professional Bodies				
	No. of M.Tech. projects guiding/guided from		Guided	Guiding	

12	2012 till date	12	2
13	Field of Interest	Image Processing, Computer vision, Embedded Systems.	
14	Additional Responsibilities		
15	Awards/Recognition		

List of training programs/conferences/workshops attended by Abdu Rahiman V from GCE Kanur

Sl no	Name of programme	Organized/institute	Period		Funded by
	VLSI and DSP Based system design for Biomedical Applications	IIT Kharagpur	9 th to 22 nd July 2010		QIP-AICTE
	Biomedical Image processing	IIT Roorkee	2011		QIP-AICTE
	XILINX Design workshop	NIT Karnataka Surathkal			
	Machine Learning – Training of trainers	ASAP of H.edn. Dept. at Ahalia campus palakkad	20-25 sept 2018		TEQIP
	Workshop on Introduction to Robotics – Eyantra	Eyantra of IIT bombay at Eranad Knowledge city manjeri.	8 to 9 Oct 2018		
	Capability enhancement programme for staff advisors	Faculty and staff development training centre, Government College of engineering kannur	23 rd to 28 th July 2018.		
	Third international conference on Computer Vision and Image Processing	PDPM indian institute of information technology, design and manufacturing Jabalpur, India	29 sept to 1 oct 2018		TEQIP

List of training programs/conferences/workshops attended by Abdu Rahiman V from GEC Kozhikkode

Sl no	Name of programme	Organized/institute	Period		Funded by
1	System design Using Simulink	MATHWORKS india Pune	27 th to 29 th September		TEQIP

			2012		
2	Winter school on speech and audio applications (WiSSAP2013)	IIT madras	22 nd to 25 th February 2013		TEQIP
3	International Conference on Emerging Electronics (ICEE2013)	IIT Bombay	December 2013		TEQIP
4	Advanced instrumentation system	NIELIT Calicut	March 2013		TEQIP
5	Embedded system design	NIELIT Calicut			TEQIP
6	DSP and Microcontroller based system design	NIELIT Calicut			TEQIP
7	FPGA and VLSI	NIELIT Calicut			TEQIP
8	GPU workshop	IIT Bombay	February 2014		TEQIP
9	World Summit on Accreditation (WOSA2014)	NBA Delhi at Hotel Ashok Delhi	8 th to 10 th March 2014		TEQIP
10	Computer interfaced scientific experiments using EXPEYES	Inter university acceleration centre new delhi	October 2014		QIP-UGC
11	Convex Optimization for Wireless communication	IIT Kanpur	15 th to 17 th September 2014		TEQIP
12	Workshop on BigData Analytics	Indian Statistical Institute Kolkata	20 th to 21 st August 2015		TEQIP
13	Faculty development program on Pedagogy	IIT Madras	2 nd to 4 th September 2015		TEQIP
14	Workshop on AICTE Approval 2016-17 organized by AICTE SWRO Bangalore	by AICTE SWRO Bangalore at Jnana Jyothi Auditorium , Central College, Bangalore	12 th September 2015		TEQIP
15	International Conference on Signal and Image Processing Applications(ICSIPA2016)	IEEE Malaysian chapter at Kuala Lumpur Malaysia	19 th to 21 nd October 2015		TEQIP
16	Shortterm training programme on Algorithms in Engineering	Dept of Mathematics, IIT Guwahati	15 th to 19 th Feb 2016		TEQIP
17	IEEE international conference on Recent Advances in Information Technology (RAIT2016)	Dept of CSE, Indian school of mines, dhanbad, jharkand	3 rd to 5 th March 2016		TEQIP
18	FDP on advances in digital signal processing and image processing	Dept of ECE, National Institute of Technology Calicut	27 th June to 2 nd July 2016		self

19	STTP on advanced digital signal processing and image processing using Scilab	Dept of ECE, National Institute of Technical Teachers Training and Research (NITTTR) chandigarh	29 th August to 2 nd September 2016		TEQIP
20	STTP on signal processing and pattern analysis.	Dept of AEI, Government engineering college kozhikode	22 feb 2016 to 27 feb 2016		
21	TEQIP STTP on Complex analysis, fourier analysis and special functions	Dept of Mathematics, IIT roorkee.	06 to 10 march 2017		TEQIP

List of publications of Dr. Abdu Rahiman V

V.A.Rahiman and S.N.George, “Single-image Super Resolution Using Neighbor Embedding and Statistical Prediction Model”,	Computers and Electrical Engineering, Elsevier, vol. 62, pp. 281-292, Aug. 2017
V. A. Rahiman and S. N. George, “Robust Single image Super Resolution Using Neighbor Embedding and Fusion in Wavelet Domain”,	Computers and Electrical Engineering, Elsevier, vol. 70, pp. 674–689, Aug. 2018
U. Rohit, V. A. Rahiman and S. N. George, “A Robust Face Hallucination Technique Based on Adaptive Learning Method”,	Multimedia Tools and Applications, Springer, vol. 76, pp. 16809–16829, Aug. 2017
V. A. Rahiman, U. Rohit and S. N. George, “Modified Dictionary Learning Method For Sparsity Based Single image Super resolution”,	in IEEE International Conference on Recent Advances in Information Technology (RAIT2016), Indian Institute of Technology Dhanbad, 2016, pp.473-477.
V. A. Rahiman and S. N. George, “Robust Single Image Super Resolution using Plug and Play Prior	International Conference on Computer Vision and Image Processing (CVIP2018), ADMM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, 2018.

List of M Tech thesis guided by Abdu Rahiman V from GCE Kanur

Sl no	Title	Name of student	Period
10	Deblurring of Low Light Images	Souhan Sarbas C H	2018-19

List of M Tech thesis guided by Abdu Rahiman V from GEC kozhikode

Sl no	Title	Name of student	Period
1	Shadow removal from areal images	Sreelakshmi suresh	2019-2020
2	2D to 3D image synthesis	Megha I	2019-2020
3	TEXT IMAGE SUPER-RESOLUTION	Jesna Augustine	2016-2017
4	Robust Face Image Super Resolution	Thahira M	2016-2017
5	Image Super-Resolution Based on Structure - Modulated Sparse Representation	Junaid V K	2015-2016
6	DOCUMENT IMAGE SUPER-RESOLUTION BY FAST MATTING	Thanooja L	2015-2016
7	Super Resolution enhancement of MRI Images	Rafeeqe T P	2013-2014
8	COMPARISON OF THRESHOLD SELECTION METHODS FOR WAVELET BASED MRI IMAGE DE-NOISING	Jabir K	2013-2014
9	ONLINE HANDWRITTEN MALAYALAM CHARACTER RECOGNITION	Steffy Maria Joseph (Co guide)	2013-2014