

Dr. K. Prahlad Rao

Associate Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Biomedical Eng.	IIT Madras, India	2006
MTech	Biomedical Eng.	IIT Madras, India	1998
BE	Electrical Eng.	PDACEG, India	1988

Academic Experience

<i>From To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
2012 Present	KAU, Jeddah, SA	Asst. Prof	Asst.Prof.	Full Time
2012 2012	AIT, Bangalore, India	Head of Dept	Professor	Full Time
2011 2012	Dr.AIT, Bangalore, India	Head of Dept	Professor	Full Time
2009 2010	AIEMS, Bangalore, India	Head of Dept	Professor	Full Time
2009 2009	Pittsburgh University, USA	Research	Postdoc	Full Time
2007 2008	NUS, Singapore	Research	Postdoc	Full Time
1989 2009	PDACEG, India	Academic	Senior Lect	Full Time

Non-Academic Experience (Including Consultations)

NIL

Funded Research Projects and Patents From The Last Five Years

1. KAU, Saudi Arabia, "DSR General"-2016 (Running), My Role as PI
2. KAU, Saudi Arabia, "DSR General"-2016 (Running), My Role as Co-I
3. KAU, Saudi Arabia, Distinctive Research Study Project-2015 (Running),PI

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
i. Biomedical Engineers Society of India	Life Member	2008
ii. Institution of Engineers (India)	Life Member	1992
iii. The Indian Society for Technical Education	Life Member	1991

Honors and Awards

NIL

Institutional and Professional Services

1. Member of ISI Implementation Committee, AIT Bangalore
2. Member of NBA Accreditation Implementation Group, AIT, Bangalore
3. Member of ABET Council Committee, Dept of ECE, KAU, Saudi Arabia
4. Administration in Engineering degree colleges in AIEMS and AIT, Bangalore
5. University assigned centralized evaluation responsibilities
6. Establishment of Electrical & Electronics Laboratories in AIEMS Bangalore

Principal Publications/Presentations from the Past Five Years

- **K.Prahlad Rao**, Mohammed Ahmed Hanash, Gaafar Ahmed AL-Aidaros. Development of Mobile Phone Medical Application Software for Clinical Diagnosis. International Journal of Innovative Science and Modern Engineering, ISSN: 2319-6386, Vol. 2, No. 10, pp 05-08, 2014.
- **K.Prahlad Rao**. Calvarial Bone Segmentation from Medical Images by Image Processing Technique. International Journal of Advanced Research in Computer and Communication Engineering, ISSN: 2278-1021, Vol. 4, Issue 12, pp 491-494, 2015.
- **K.Prahlad Rao**. Image Segmentation of Cranial Vault for Clinical Analysis. International Journal of Computer Sciences and Engineering, E-ISSN: 2347-2693, Vol.3, Issue 12, pp 102-106, 2015.
- Abdul Haque Mohammed and **Dr.K.Prahlad Rao**. Design and Simulation of a Patch Antenna for Microwave Imaging. International Journal of Computer Trends and Technology, ISSN: 2231-2803, Vol.40, No.3, pp 123-129, 2016.
- 11 **K.Prahlad Rao**, Mukhtar Alansar, Saleh Alzahrani, Mohamed Hassnein and Ahmed Almajdoua. Experimental Study of Brain Dynamic Activation While Solving Mathematical Problems. (*Accepted for INCAM 2017 Conference*).
- 12. Omar S. Alwan and **K.Prahlad Rao**. Dedicated Real Time Monitoring System for Healthcare using ZigBee. Healthcare Tech. Letters, DOI: 10.1049/htl.2017.0030 , Online ISSN 2053-3713, 2017.

Recent Professional Development Activities (*Workshops, Trainings etc.*) *NIL*