


Faculty Vitae

General Information:

Name	Nationality	Photo
DR. SANTHANARAJ BALAKRISHNAN	INDIA	

Education:

Degree	Discipline	Institution	Year
Bachelor	Physics	Maduarai Kamaraj University, India	1990
Master	Medical Physics	Anna University, India	1992
Ph.D.	Biomedical Sciences	The T.N. Dr. M.G.R. Medical University, India	2003

Academic Experience:

Institution	Title	Period	FT/PT
Anna University	Research Scholar	1992 – 1993	FT
Cancer Institute	Medical Physicist	1993 -1999	FT
SGRD Medical College	Physicist	1999 – 2000	FT
Sri Ramachandra Medical College (Deemed University)	Medical Physicist	2000 – 2003	FT
Bharat Institute Higher Education and Research (Deemed University)	Lecturer	2003	FT
Gandhi Institute of Technology and Management	Associate Professor	2003	FT
Sahrdaya College of Engineering and Technology	Professor	2004 – 2007	FT
Velalar College of Engineering and Technology	Professor & Head	2007 -2012	FT
Majmaah University	Associate Professor	2013 – Till Date	FT

Certification or professional registration:

- Certified Competent to act as Radiological Safety Officer (Government of India).....
- Certificate in Service, Repair and Maintenance of Biomedical Instruments

Current membership in professional organizations

- IEEE (USA)
- EMBS (USA)
- Society of Nuclear Medicine
- Association of Medical Physicists of India
- Indian Society for Technical Education
- IASTED
- Indian Physics Association
- Nanopaprica
- Indian Association of Nuclear Chemists and Allied Scientists
- Biomedical Engineering Society of India

Honors and awards

- Who's Who in the World Recognition

Service activities within and outside the institution

- Chair, IEEE (EMBS) Madras Chapter
- Head, Graduation Unit, CAMS, MU

Important publications and presentations from the past five years:

- Derivation of optimal molecular sensor dose for the detection of malignancies and technique optimization. 2nd International conference on Biosensors & Bioelectronics June 17-19,2013, USA.
- Dose optimization of molecular probes for young children and pediatrics for fMRI and FDG PET. 2nd International conference on Biosensors & Bioelectronics June 17-19,2013, USA.

Most recent professional development activities:

- Organizing an international workshop on "Bionano Sensor for Molecular Imaging and Fusion Technology" at the 3rd International Conference on Biosensors & Bioelectronics, August 11-13, USA.
- Participated in the IEEE-EMBS Region 10 Chairman Meeting, July 2013, Osaka, Japan.
- Organizer – IEEE Region 10 Humanitarian Technology Conference 2014, August 6-9, 2014, Chennai.
- Participating in the IEEE 2014 Panel of Conference Organizers(POCO) July 17-19, Singapore as Chairman of EMBS Madras Chapter.
- IEEE EMBS Mentor 2014.