

DR. R. HARIPRAKASH,

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R.Hariprakash, 43 years obtained B.E (1996) and M.E in Instrumentation Engineering (2001) from MIT, Anna University with First Class, MBA (First Class) from University of Madras and obtained his PhD (Highly Commended) in Electronics Communication and Instrumentation Engineering from CISL, AC Tech Campus, University of Madras in 2012.

R.Hariprakash, started his career as Lecturer (1996) in Bharath Engineering College, Chennai and promoted to Sr.Lecturer in 2001. In the year 2002 he was selected by **Ministry of HRD, Govt. of India, All India Council for Technical Education (AICTE)** and joined AICTE as Asst. Director.

During his service he has worked on various policies of AICTE and coordinated All India Board of Studies for Biotechnology Research Education, Vocational Education and Architecture Education. Later in 2005, joined back Bharath Institute of Higher Education and Research Deemed to be University, Chennai and worked in various capacities as Assistant Professor, Deputy Registrar, Registrar (i/c) of the University.

In 2012 he joined Meenakshi Group of Institutions, K.K.Nagar, Chennai as Adviser (Academic) and also served as Professor & Dean in one of its engineering college. In July 2017 he again Joined Bharath Institute of Higher Education and Research, Deemed to be University, Chennai as Professor with additional duty as Additional Registrar of the university.

R.Hariprakash is an active member of **IEEE (Institute of Electrical and Electronics Engineering Inc.,) since the year 2004 – SM 80237533** attached with IEEE Madras Section and has completed 14 years of professional service with IEEE Madras Section.

During these periods, he has occupied various positions/ responsibilities namely:

- **Vice –Chair (Professional Activities) 2014 – IEEE India Council**
- **Executive Committee member** 2013- 2015 & 2016, 2018-2019 - IEEE MAS.
- Chair – IEEE Control System Society 2015 -2017, Madras Section.
- Secretary – IEEE Control System Society 2012-2015, Madras Section.
- Branch Counselor – Arulmigu Meenakshi Amman College of Engg (AMACE),
- IEEE Student Branch / Chapter 2014 - 2016.
- Senior Member – IEEE Madras section since 2016.

He actively participates, organizes various events like Technical Seminars, Guest Lectures, Workshops, and Conferences, etc. He has taken initiative for establishment of IEEE Student Chapters and has delivered lectures on “Awareness and Member benefits – IEEE” in few Engineering & Technology Institutions.

Dr.R.Hariprakash was the **Organizing Chair for R10 IEEE Mini POCO 2016**, held on 28th Feb 2016 at Hotel Deccan Plaza, Jointly funded & organized by IEEE R10 and IEEE Madras Section and for the **2017 IEEE MAS mini POCO** held in October 2018 at Alumini Hall, Anna University.

In the year 2017, he was invited for participation in the IEEE POCO 2017 organized by IEEE USA Headquarters held during 8th - 10th August, 2017 at **Sydney, Australia**, in which he attended and shared his experiences of organizing Mini POCOs in Chennai.

In 2018, he was a member of the organizing committee of the IEEE MAS Mini POCO held at Madurai, organized by IEEE Madras Section.

He is a Reviewer for **IEEE Sensors Journal** – Scholar One Manuscripts and **IEEE Communication Letters** – Scholar One Manuscripts-2014.

Dr.R.Hariprakash was the **Session Chair** for the sessions – Communication & Connectivity; Disaster Management; Health Management; in an International Conference IEEE REGION 10 Humanitarian Technology Conference 2014 - IEEE HTC’ 2014 – “Engineering a Sustainable Future for Humanitarian”, organized by IEEE R10 and IEEE Madras Section held during 6-9th August, 2014 at Hotel Hilton, Chennai.

He initiated for the establishment of IEEE Student Branch in Arulmigu Meenakshi College of Engg (AMACE) in the year 2014 – an Institution existing for 29 years. In the first year of its existence as Students chapter, AMACE obtained **THIRD PRIZE** amongst, 120 plus student braches/chapters in our Madras Section for the maximum number of activities conducted and received a cash award of INR 3000/- from our section.

In the year 2011, he was selected and Undergone **IEEE Teacher In-Service Program (TISP)** Training workshop organized by IEEE Educational Activities Board, USA and IEEE Hyderabad Section.

He has served as Reviewer/Editor for many IEEE International Conferences/Journals organized/ Published by IEEE International Community/Societies like ISTA 2016, INCONSET 2016, ICSET 2013, ICSGRC 2013, ISCI 2012, IAPEC 2012, ICCAIE 2011 Penang, ISIEA 2011 & ISWTA 2011 of **IEEE Malaysia Section**, CENTRIC 2009 of **IEEE Portugal Section**, ICIEA 2010 of **IEEE Taiwan Section**, ICIEA 2009 of **IEEE Singapore Section**, ICSEA 2008, and ENTISY 2008.

Presently he is serving as Chair IEEE Control System Society under IEEE Madras Section. He actively participates, organizes various events like Technical Seminars, Guest Lectures, Workshops, and Conferences, etc. He has taken initiative for establishment of IEEE Student Chapters and has delivered lectures on “Awareness and Member benefits – IEEE” in few Engineering & Technology Institutions.

- ✓ Delivered Technical Presentation /Lecture on “Digital Communication and Security Aspects” at Dept. of Instrumentation, CISL University of Madras 8th January 2013.
- ✓ Delivered Technical Lecture on “IEEE Awareness, Resources and Membership Benefits” at Ganadipathy Tulsi College of Engg and Technology, Vellore held on 6th March 2015.
- ✓ Delivered Technical Presentation /Lecture on “Remote Security Monitoring – Advances Developments” at Sri Muthukumaran Institute of Technology, 7th July 2014.
- ✓ Delivered Technical Presentation /Lecture on “IEEE Conferences Best Practices in Key Areas at R10 IEEE mini POCO held at Hotel Deccan Plaza on 28th Feb 2016.
- ✓ Delivered Technical Lecture on “IEEE Awareness, Resources and Membership Benefits” and “Research Opportunities in Control Systems” at Faculty of Engineering and Technology, Meenakshi University, Mangadu held on 30th March 2016.

PROFESSIONAL DEVELOPMENT ACTIVITIES

He is an active social worker attached with Rotary and has served NSS, Rotaract as ZRR from his childhood days.

- **Research - Institute Chair-** CENTRIC 2014 International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services – 23- 29th October, 2011, France.
- Governing Council Member (2010-2016) – INSTRUMENT SOCIETY OF INDIA, **Indian Institute of Science, Bangalore.**
- **Editorial Board Member** - International Journal on Advances in Networks and Services. ISSN: 1942-2644.

- Reviewer – Second International Symposium on Intelligent Systems Technologies and Applications – ISTA 2016, Sep 21-24 2016, India.
- Reviewer- INCONSET 2016 – International Conference on Sustainable Engineering and Technology, 29th September, 2016 Holiday Inn, Malacca, Malaysia.
- Reviewer - ICSET 2013 3RD IEEE International Conference on Systems Engineering and technology, by Faculty of Electrical Engg, Universiti of Teknologi MARA, Malaysia, 19-20 August 2013.
- Reviewer - ICSGRC 2013 IEEE 4TH Control and System Graduate Research Colloquium, by Faculty of Electrical Engg, Universiti of Teknologi MARA, Malaysia, 19-20 August 2013.
- **Reviewer** – ISCI 2012 and IAPEC 2012 –IEEE Applied Power Electronics Colloquium and IEEE Symposium on Computer and Informatics, 18th - 20th March 2012.
- Reviewer – ICCAIE 2011- IEEE International Conference on Computer Applications and Industrial Electronics Sponsored by IEEE Engineering in Medicine and Biology Malaysia Section, 4th – 7th December 2011, Penang.
- Reviewer – ISWTA 2011- IEEE Symposium on Wireless Technology & Applications Sponsored by IEEE Power Electronics Malaysia Section and Jointly organized by IEEE Industry Electronics and Industrial Applications Society, Research management Institute, Universiti Teknologi, Mara , September 2011, Malaysia.
- **Reviewer** – ISIEA 2011- IEEE Symposium on Industrial Electronics and Applications Organized by IEEE Malaysia Section and Jointly organized by IEEE Industry Electronics and Industrial Applications Society, Research management Institute, Universiti Teknologi, Mara, 25-28th September 2011, Langkawi Island, Malaysia.
- Research - Institute Chair- CENTRIC 2011 International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services – 23- 29th October, 2011, Barcelona, Spain.
- **EDITOR** – Proceedings of International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services - 22 – 27, August 2010, Nice, France.
- Academic Institute Chair- CENTRIC 2010 - International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services – 22- 27th August 2010, Nice, France IARIA.
- **Reviewer** – The 5th IEEE Conference on Industrial Electronics and Applications (ICIEA 2010) held at Taichung, Taiwan during 15 – 17, June 2010 jointly organized by IEEE Industrial Electronic Chapter, Singapore, IEEE Power Electronics Chapter

Taipei, National Chung Haing University, Taiwan & IEEE Control Systems Chapter, Taipei.

- Reviewer – Fourth IEEE Conference on Industrial Electronics and Applications (ICIEA 2009) held at Xian, China during 25 – 27, May 2009 organized by IEEE Industrial Electronic Chapter, Singapore & IEEE Xian Section.
- **Technical Program Committee Member** CENTRIC 2009 – International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services – 20-25th September 2009, Porto, Portugal. IARIA – IEEE Computer Society, Portugal Chapter.
- Publicity Chair – CENTRIC 2009 – International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services - 20 – 25, September 2009, Porto, Portugal.

HONORS AND AWARDS RECEIVED

S.No	Name of the Award	Conference/Concerned Authority	Year
1.	Best Paper Award	International Conference on Advances in Human – Oriented and Personalized Mechanisms, Technologies and Services October 26-31, 2008, Silema, Malta.	2008
2.	Editor	Proceedings of International Conference on Advances Human Oriented and Personalized Mechanisms, Technologies and Services - 22 – 27, August 2010, Ni France.	2010
3.	Reviewer	IEEE Sensors Journal – Scholar One Manuscripts	2014
4.	Reviewer	IEEE Communication Letters – Scholar One Manuscripts.	2014
5.	Selected and Undergone Appreciation Course in Parliamentary Process and Procedures organized by Bureau of Parliament Studies – LOKSABHA held Parliament of India on 18-20 August, 2010.		2010
6.	Selected under Young Teacher Program for Interaction with Nobel Laureates Eminent personalities at Third Science Conclave: A Congregation of Nobel Laureates, at IIT, Allahabad, held on December 8-14, 2010. Presented my research work to Prof. Roald Hoffmann and Prof. Richard R. Ernst		2010

RESEARCH ACTIVITIES

He was **Core Member of the research projects of CISL-UGC MRP PROJECT with a fund of Rs.8.99 /-lakhs and CISL-DST-IDP Research project with a fund of Rs.28.95 /- lakhs.** His areas of interest are Sensors, Signal and Image Processing, Data transmission, Security in Communication, and Remote Monitoring.

R.Hariprakash has published more than 35 research publications in various Journals, Conferences, etc and has occupied various capacities as Chairman, Research Institute Chair, Editor, TPC Member etc in Journals / Conferences. One of his papers has received **Best Paper Award** in the year 2008 in the International Conference - CENTRIC '08 held at **Malta (Italy).**

He was invited for giving lecture /presenting his research work for consecutively five times in the world congress & exhibition – **ACHEMA' 2006, 2009, 2012, 2015 & 2018 at Frankfurt-AM-Main, Germany.** He has published his research contributions in various International Conferences/Summits in **Sydney, Venice, Paris - France, Penang, Malta, Singapore, Malaysia, Germany** and in various research organizations/Institutes within India at CLRI, CEERI, IIT, NIT, IISc, IITA, IGCAR etc.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- ❖ Life Member in Bio-Medical Engineering, Society of India, Manipal – L557.
- ❖ Life Member in Instrumentation Society of India, Bangalore – L.M.No.1759.
- ❖ Senior Member, Institution of Electrical and Electronics Engineering. (IEEE-USA) 80237533.
- ❖ Life Member in Institution of Electronics and Telecommunication Engineering, New Delhi. M-217117.
