

Dr. T. V. Ananthapadmanabha

CEO, Voice and Speech Systems

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PROFESSIONAL SUMMARY

Dedicated Entrepreneur and Accomplished Researcher offering more than two decades of service in pioneering and developing a comprehensive range of software solutions catering to the hard of hearing, special and common people with various voice and speech disorders as well as for the professionals in the field of voice and speech.



SKILLS

- Strong Academic and Research backing
- Strong Work Ethic
- Business Sustainability
- Natural Leader
- Self Motivated & Highly Disciplined

Author of :

Inner Workings During Yoga Practice
Geometry of Srichakra



EDUCATION

1974 – 1978	Indian Institute of Science Ph. D, Epoch Extraction and its application to Voiced Speech Analysis Alumni Medal for Best Research Paper, 1974
1972 - 1974	M. E, Electrical and Communication Engineering First Rank
1970 - 1971	B. E, Electrical and Communication Engineering Fourth Rank
1965 – 1970	BMS College, Bangalore University B. E, Electrical Engineering Fifth Rank



EXPERIENCE

Voice and
Speech
Systems
Since 1985

CEO
Voice and Speech Systems, Pioneers in the Area of Voice and Speech in India

The mission of Voice and Speech Systems is to constantly work towards creating software solutions based on scientific research to aid the speech and communication impaired in realizing their ability to speak, communicate and be heard.

Voice and Speech Systems has implemented in-depth research into its unique products emerging over 25 years. Some of Dr. Anantha's products include 'Vagmi', a comprehensive range of Diagnostic and Therapeutic Software and a wide range of user friendly software packages to realize one's full voice potential; Speech Science Lab (SSL) for Speech Analysis and Synthesis; AudioLab for Diagnosis of Central Auditory Disorders.

His latest
innovations are

'Vagmi Nada' for assisting the learning of Carnatic music and 'Vagmi Voice Culture' for achieving full voice potential.

2003 - 2008

M. S. Ramaiah School of Advanced Studies, Bangalore
Professor, Dean of Research; Technical Coordinator TIFAC CORE

Company
Consultancies

Ericsson, Sweden
Genesis, Bangalore

1991 - 1992

MIT, Cambridge
Research Fellow

1987 - 1989

AT&T, Bell Labs, N.J
Member Tech Staff

1980-1985

RIT, Stockholm
Assistant Professor

1979-1980

LRDE, DRDO
Scientist

1978-1979

Carnegie Mellon University, Pittsburgh
Post- Doc Fellow

Biomedical Projects:

- Image Processing of retinal images for early detection of diabetic retinopathy (Collaboration: Aravind Eye Hospital, Madurai - NCIP, 2008)
- Image Processing of Pap-smear for detection cervical cancer (Collaboration: MSR Hospital - NCIP, 2008)
- Modeling of ECG signal (Collaboration: Prof. Kamath, Manipal Engg. College)
- Lip print identification (Collaboration: Dental College, Goa)
- Analysis of esopharyngeal speech (Collaboration: Dr Rajashekar, KMC, Manipal)
- Acoustic analysis of Kannada vowels (Collaboration: Dr Venkatesh, AIISH)

- Development of speech perceptual skills in children (Collaboration: Dr Satya, AIISH)
- Inverse filtering studies of voice disorders (Collaboration: Dr Mallikarjun, Ahmedabad)
- Acoustic analysis of speech of patients with MND (Collaboration: Dr Yamini, NIMHANS)

Also, a collaborating faculty at **MILE Lab**, Electrical Engg. Dept., **IISc, Bangalore**; Visiting faculty at **All India Institute of Speech and Hearing, Mysore**; Examiner and Guide, **Bangalore University**; Examiner, **Mysore University** and is actively involved in guiding M.Sc. and Doctoral theses works.

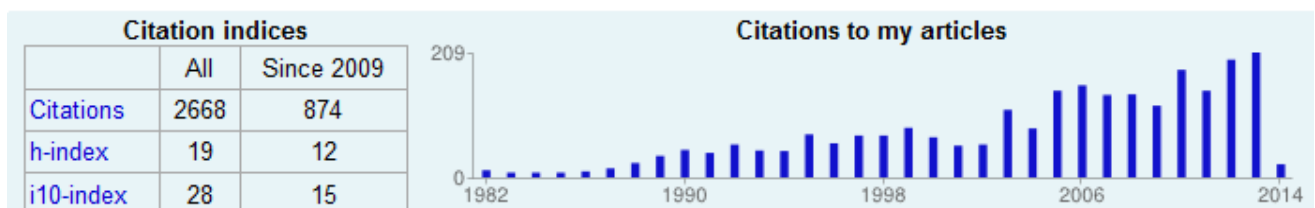


AWARDS, PUBLICATIONS & CONFERENCES

1974-75	IISC Alumni Medal for Research for the Year 1974-7
1992	Sir C V Raman Award by the Acoustical Society of India, 1990
2011-12	Inclusion in Who's Who in Science and Engineering
2010	Leading Health professionals of the World, IBC
2010	Inclusion in Great Minds of the 21st Century, Man of the Year, ABI
2008	International Scientist of the Year, Leading Scientists of the World, IBC
2009, 2001, 2000	Outstanding Scholars of the 21st Century – IBC
1999, 1997, 1996	Inclusion in International Directory of Distinguished leadership, ABI
1998, 1997, 1996	Inclusion in Five hundred leaders of influence, ABI
1997	Man of the Year, ABI
1994	Most Admired Men and Women of the Year, ABI

IBC: International Biographical Center, England; ABI: American Biographical Inst.

Dr. Anantha has published more than fifty papers of international standard; organized workshops on “Siksha Sastra and Experimental Phonetics”; organized national level conferences on image processing (NCIP 2005); Presented many invited papers including at the Vocal Fold Physiology Conference, Kurume, Japan.



h-index of about 18 indicates full professorship; i10-index indicates the number of academic publications an author has written that have at least ten citations from others



PROFESSIONAL AFFILIATIONS

Founder Associate Life Member, Association of Phono-surgeons of India

Founder-Chair, Engineering in Medicine and Biological Society (till 2008)

Served as Member, Bureau of Indian Standards, Acoustics Committee LT5

Member IEEE, Signal Processing Society (till 2008)

Member, Acoustical Society of America (1988-1996)

Life Member, Acoustical Society of India

Life Member Indian Speech & Hearing Association

Life Member, Dravidian Linguistics Association

Life Member, International Phonetics Society

Life Member, IISc Alumni Association Member

Served as Empowered Committee Member, Academy of Sanskrit Research, Melkote