

*Dr. Achuthsankar S. Nair*



Dr. Achuthsankar S. Nair heads the Department of Computational Biology & Bioinformatics and also the State Inter University Centre of Excellence in Bioinformatics, University of Kerala. He had his BTech (Electrical Engineering) from College of Engineering, Thiruvananthapuram, MTech (Electrical Engineering) from IIT Bombay, M.Phil (Computer Speech and Language Processing) from the Dept of Engineering, University of Cambridge, UK and PhD from University of Kerala. He is currently pursuing a PhD in music at University of Kerala.

For a quarter century, he has taught in various Engineering Colleges, Universities and Institutes both within India and abroad. During 2001–2004 he served as Director of Centre for Development of Imaging Technology (C-DIT), Govt. of Kerala. In 2006 he was a Visiting Professor in University of Korea, Seoul. He has a dozen of popular-science books on IT in Malayalam, including one on the internet in 1996 and one on Free software in 2002. His latest books are 'ഗുഗോളവൽക്കരണം', Data Structures using C (Printice Hall, New Delhi), Scilab (S.Chand, New Delhi) and Bioinformatics(DC Books). He has also authored a science fiction novel for children. A large number of popular science articles have been written by him.

His current research interests include use of digital signal processing (DSP) in bio-sequence analysis. 14 Candidates have taken PhD under his supervision and he is currently guiding another dozen researchers. He has a modest number of research publications in International & Indian Journals. One of his contributions on electro-mechanical model for the Transistor is cited in the classic text book: Hughes's Electrical Technology (7th Edition) published by Orient Longman, UK. He also has filed a patent for ergonomic design of examination answer booklet.

Carnatic classical music tops his hobby list, followed by local history of Thiruvananthapuram in early 19th century. He has published articles on both the areas. He has widely traveled and given talks in hundreds of venues including Universities, a very large number of colleges in Kerala, University of Madras, Indore University, Bharathi Dasan University, Jawaharlal Nehru University, National University of Juridical Sciences, Calcutta. A high point of his scholarly achievement was when he was invited by the Madras Music Academy during their 2007 annual convention to speak on the controversy regarding Swathi Thirunal Compositions. He is recipient of Young Scientist Award of Govt. of Kerala (1991), Cambridge Barclay Scholarship (1991), ISTE National Award for Young Engineering Teachers (1994). One of his current projects is to develop a massive website Gurusmarana to archive the life and thoughts of past teachers.



## THE KERALA STATE HIGHER EDUCATION COUNCIL

*invites you to*  
**A PUBLIC LECTURE**

*on*  
**25<sup>th</sup> September 2012 at 11.00 am**

*by*  
**Dr. Achuthsankar S. Nair**

Head, Department of Computational Biology & Bioinformatics  
University of Kerala

*on*  
**'HARD FACTS ABOUT SOFT SKILLS'**

*in the chair*  
**Amb.(Rtd.)T.P.Sreenivasan**  
Vice Chairman, KSHEC

*Venue*  
**Seminar Hall**  
Kerala State Science and Technology Museum,  
PMG, Thiruvananthapuram-33