

PROF DR E BALAGURUSAMY
ME(Hons) PhD DEd FIE FIETE CEng

Chairman, EBG Foundation, Coimbatore

Formerly

Vice Chancellor, Anna University, Chennai

IT Adviser, Government of Andhra Pradesh

Member, Planning Commission, Tamil Nadu

Member, Union Public Service Commission, New Delhi

Chairman, Consortium for Educational Communications, New Delhi

7, Nalvar Nagar South
Maruthamalai Road
Bharathiar University (P.O)
Coimbatore – 641046

Email: balagurue@yahoo.co.in

Mobile: 09442200365

Website:

www.ebalagurusamy.com

BRIEF RESUME

RESUME

Prof Balagurusamy is currently the Chairman of EBG Foundation, Coimbatore. He also serves as a Member of High Level Committee on School Education of Tamil Nadu Government and Chairman of Committee for Development of Text Books on Science and Technology in Higher Education.

He served as a Member (Education), Planning Commission of Tamil Nadu Government for two years from July, 2011.

He was earlier a Member of Union Public Service Commission, a Constitutional Body established under the Article 315 of the Constitution of India for rendering advice to Government of India on matters related to recruitment, promotion and disciplinary cases related to different central civil services.

Prior to becoming the Member of UPSC, he was Chairman of Consortium for Educational Communications (a Government of India Society for implementing Multimedia Educational Systems in Higher Education) and Vice-Chancellor of Anna University, Chennai (arguably the largest technical university of India with over 600 engineering institutions under its academic guidance and control).

He holds an ME(Hons) in Electrical Engineering, Ph.D in Systems Engineering, both from IIT, Roorkee and a Diploma in Education from U.K. He is also a Fellow of Institution of Electronics and Telecommunication Engineers and a Fellow of Institution of Engineers (India).

He has devoted himself to promoting technical education, particularly computer education and training, in the country for the last three decades in all his various endeavors. His earlier assignments include distinguished stints in BHEL, NIIT, Technical Teachers' Training Institute, Bhopal, Institute of Public Enterprise, Hyderabad, PSG Institute of Management, Coimbatore and Mahaaveer Academy of Technology and Sciences, Bangalore.

EBG, as he is fondly referred to, was the IT Advisor to the Andhra Pradesh Government for ten years. He regarded IT as a tool for massive social and economic transformation. As an Advisor, during 1980's and early 1990's he took computer education to rural masses by setting up IT training and education centers in major towns of Andhra Pradesh.

He also initiated many steps to implement IT applications in government administration and public undertakings. His initiatives became the foundation stones for E-Governance projects in Andhra Pradesh. He also served as a consultant to Punjab and Rajasthan Governments on Science and Technology Development during 1986 and 1987.

EBG is regarded as a creator and institution builder. He has established a large number of institutions and computer centers and serves on the boards of a number of universities and organizations, both in India and abroad. He was one of the founding members of NIIT Limited, New Delhi and founder Director of Andhra Pradesh Technological Services Ltd and National Center for Expert Systems, Hyderabad. He served as a Consultant to the United Nations Industrial Development Organization on 'Expert Systems' from 1991 to 2005. Prepared project documents for establishing Rajiv Gandhi National University of Computer Sciences at Delhi (1994) and Punjab Institute of Information Technology at Chandigarh (1987).

A prolific writer, he has authored more than 40 books on IT and computers, many of them are being prescribed as texts in Universities and Colleges throughout India. His books are very popular among students and teachers alike for their unique and distinctive learning methodology and simple writing style. Some of his books have been translated into **Hindi, Mandarin, Spanish, Korean** and **Russian** languages. He is considered as the Asia's leading IT author.

Innovation is his way of life. He believes in doing things differently rather than doing different things. In all his work he has introduced new approaches, new systems and a new philosophy in imparting technical and management education. He obtained a Ph.D degree in 1976 for the innovative and pioneering work on Reliability Engineering (when the subject was at its infancy) in a record time of 14 months (from IIT, Roorkee).

Dr. Balagurusamy is known for his philosophy that "skill-based teaching begins with those skilled in teaching". A strong patriot, he says that our IT talent should be retained within the country to help develop Indian industry and economy. He has always been keen on including ethics and a value based approach to technical education and has been inculcating these into the next generation by leading an exemplary life (practices what he preaches).

Prof. Balagurusamy has widely travelled in India and abroad to attend meetings, seminars and conferences. He has visited UK, USA, Europe, Singapore, China, Thailand, Mexico and UAE.

His main areas of professional interest include Object-Oriented Technology, Expert Systems, Total Quality Management, Business Process Re-engineering, Technology Management, E-Business, E-Governance, Management of Change and Strategic Management.

A philanthropist, he has established EBG Foundation, a Charitable Trust, to serve the socially and economically deprived sections of the society. To recognize and reward talents among the young students is one of the many objectives of the Foundation.

AWARDS AND HONOURS

He is a proud recipient of many awards and honours, and to cite a few:

- Chancellor's Best PG Student Award (1974)
- Khosla Research Award (1975)
- Distinguished Leadership Award (1988)
- Man of the Year Award (1992)
- Distinguished PSG Alumni Award (1994)
- World Lifetime Achievement Award (1996)
- Outstanding Fellow Award of Institution of Engineers (1996)
- Author of the Year Award (1998)
- Rashtria Ekta Award (1999)
- Vocational Excellence Award (2000)
- Bharat Nirman Excellence Award (2000)
- Bharat Vikas Award (2001)
- For the Sake of Honour Award (2002)
- Seva Ratna Award (2003)
- Vande Mataram Award (2004)
- Deed Award (2004)
- Higher Education and Development Award (2004)
- Life Achievement Award (2004),
- Nominated for World Technology Award (2004)
- Nominated for Padma Bhushan Award (2004) and (2005) by the Govt. of Tamil Nadu.
- Dr. Meghnad Saha Award (2005)
- Bharat Madha Fellowship (2005)
- Viswa Vidyacharya Award (2007)
- Vibrant Indian Award (2011)
- Doyen of Madras Award (2013)
- Saadhanai Thamizhar Award (2013)
- Lifetime Achievement Award 2015, EMC Academy, USA
- Lifetime Achievement Award 2015, Lions Club International
- Dynamic Indian of the Millennium Award 2018, KG Foundation, Coimbatore

In recognition of his accomplishments, he has been listed in the Directory of International Who's Who of Intellectuals (UK) and the Directory of Distinguished Leaders (USA).

BOOKS AUTHORED

1. Reliability Engineering, Tata McGraw-Hill, 1983
2. Programming in BASIC, Tata McGraw-Hill, 1984
3. Computers in Education & Training, NIIT, 1984.
4. FORTRAN IV for Beginners, Tata McGraw-Hill, 1984
5. Office Automation and Work Processing, Tata McGraw-Hill, 1987
6. Selecting and Managing a Small Computer, Tata McGraw-Hill, 1987
7. Computer Based Numerical & Statistical methods, Macmillan, 1988
8. COBOL Programming – A Self Study Text, Macmillan, 1989.
9. LOTUS 1-2-3 - A Guide and Workbook, Macmillan, 1989
10. WordStar – A Guide and Workbook, Macmillan, 1989
11. Dbase – A Guide and Workbook, Macmillan, 1989
12. Artificial Intelligence in Industry and Government, Macmillan, 1989
13. Programming in ANSI C, Tata McGraw-Hill, 1990
14. Expert Systems for Engineering and Management, Ellis Horwood (UK), 1990
15. Computer Systems and Applications – Tata McGraw-Hill, 1990
16. IT – A Tool for Productivity, Tata McGraw-Hill, 1991
17. Innovative Applications of Computing, Tata McGraw-Hill, 1992
18. Artificial Intelligence – Applications and Management, McGraw-Hill, 1993
19. Object Oriented Programming Using C++, Tata McGraw-Hill, 1995
20. JAVA Programming – A Primer, Tata McGraw-Hill, 1998
21. Numerical Methods, Tata McGraw-Hill, 1999
22. Computer Science – Theory and Practice, Tata McGraw-Hill, 1999
23. Programming in C#, Tata McGraw-Hill, 2002
24. C and Data Structures, Tata McGraw-Hill, 2002
25. UNIX and C, Tata McGraw-Hill, 2002
26. Computer Programming, Unix and C, Tata McGraw-Hill, 2002
27. C and Data Structures (JNTU), Tata McGraw-Hill, 2003
28. C and Data Structure - Core Engineering Service, McGraw-Hill, 2004
29. Programming in ANSI C (Mandarin Language), McGraw-Hill Asia, 2006
30. Object Oriented Programming with C++(Spanish), McGraw-Hill, 2007
31. Object Oriented Programming (MSBTE), McGraw-Hill, 2007
32. Introduction to Computing (WBUT), McGraw-Hill, 2008
33. Computing Fundamentals and C Programming, McGraw-Hill, 2008
34. Computer concepts and Programming in C (UPTU), McGraw-Hill, 2009
35. Fundamentals of Computers, McGraw-Hill, 2009
36. Computer Fundamentals and C Programming(Hindi), McGraw-Hill, 2009

37. Fundamentals of Computers and Computer Programming, McGraw-Hill, 2009
38. Object Oriented Programming Using C++, McGraw-Hill, 2012
39. Data Structures Using C, McGraw-Hill, 2013
40. Programming and Data Structures, McGraw-Hill, 2013
41. Computer Programming, McGraw-Hill, 2014
42. Problem Solving Using Python, McGraw-Hill, 2016

TRAINING MODULES DEVELOPED

1. Applications CPM and PERT Techniques in Project Management
2. Managing Change in Organizations
3. Leadership and Motivation
4. Information Technology in Government Administration
5. Using Computer as a Management Tool
6. Business Process Re-engineering
7. Electronic Commerce
8. Ten Abilities Every Engineer Must Possess
9. Ten Qualities of Success in Life
10. Ten Cs for Personality Development

A PROFILE

- **Researcher** : Published more than 30 papers in International Journals, Seminars and Conferences in the area of Systems Engineering and Information Technology and Research thesis on Reliability Engineering. Guided more than 100 MBA and PGDCS project works, 5 Ph.D. scholars and 14 M. Tech students.
- **Trainer** : Developed over 10 Modules/Monographs in wide ranging areas from basic computer concepts to human relations and project management. Trained more than 1,000 engineering teachers, 700 company executives and 300 Indian Administrative Service officials.
- **Author** : Written over 40 books in various IT topics for leading publishers, edited 6 publications in major IT themes and prepared blueprint reports for the establishment of higher education institutions. Many of his books are prescribed as texts in universities and colleges throughout India. Considered as Asia's leading author in programming.

- **Administrator** : An able academic administrator and leader. Created, administrated and led a number of institutions including Anna University, to Centers of Excellence. Brought in innovative methods and systemic procedures in administration, admissions, examinations and teaching/learning processes.
- **Institution Builder** : Established several Centers of Excellence and built & developed Institutions from concept level. Examples are UNDP Computer Centre at TTTI Bhopal, NIIT, APTS at Hyderabad, Computers & IT Division at Institute of Public Enterprise Hyderabad, PSG Institute of Management at Coimbatore, MATS Deemed University at Bangalore, and a large number of Academic and Research Centers at Anna University.
- **IT Project Manager** : Designed and implemented about 15 information management projects for government, public and private sector industry and academic institutions.
- **Technology Professional** : Active member of 8 professional associations (national and international) and organizer of major national and international conferences and seminars. Serve on the Editorial Boards of a number of professional journals.
- **Academic/Teacher** : Starting from 1969, has held various teaching positions and taught subjects ranging from IT topics to management topics. Development of courses and curricula, evolving methodologies for teacher development and faculty improvement and evolution of new training methodologies are integral elements of his work.
- **Advisor/Consultant** : Over the past 30 years has been advising various state and central government organizations and departments on IT. Has been part of several committees/task forces/policy advice groups and study groups formed by governments.
- **Achiever** : Won more than 25 Awards and Distinctions as well as over 50 Recognitions and Honours (National & International level).
- **Ethical Leader** : Integrity, honesty and professional ethics are an integral part of his life style.
- **Philanthropist** : Founder of EBG Foundation, a charitable trust actively involved in helping needy and poor families and students

