



DR. N. KRISHNAMURTHY

Consultant: Safety ♦ Structures ♦ Computer Applications

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PERSONAL PARTICULARS

Born : 29 October, 1931, at Bangalore, India. **Citizenship**: India
Residence : Burma (Myanmar) (1931-1941), India (1941-59, 1962-67, 1988-1999)
 USA (1959-62, 1967-81), (U.S.A. Permanent Resident, 1967-81)
 Singapore (1981-88, 1999-Present), **Singapore P. R.:** I.C. No. S2202789A

ACADEMIC CAREER

Years	Institution and University	Qualification	Awards
1959-1962	University of Colorado, Boulder, Colorado, USA	M.S. (CE) (1960) and Ph.D. (1963)	India-USA Govt. Scholarship; Straight 'A' Grade; Coloradan Pacesetter Award; Intl. Goodwill Award
1951-1955	National Institute of Engineering, Mysore Univ., Mysore, India	B.E. (Civil) (1955)	First for College in Final Year Ranks in first three years
1949-1951	Central College, Mysore Univ., Bangalore, India	B.Sc. (1951)	English First Prize (Gold Medal)
1947-1949	St. Joseph's College, Madras Univ., Bangalore, India	Intermediate in Science (1949)	Distinction in Physics, Chemistry, and Mathematics

PROFESSIONAL CAREER (IN CHRONOLOGICAL ORDER)

Years	Organization	Designation	Responsibilities
1955-59	National Inst. of Eng., Mys. U., India	Lecturer, & then Reader in C.E.	Teaching, Laboratory Development
1959-62	Univ. of Colorado, Boulder, USA	Post-Graduate student	[On study leave under US-AID program]
1962-67	National Inst. of Engineering, Mysore University, India	Reader in C.E., & then Additional Professor, and Acting Head	Teaching, Laboratory Development, Department Administration
1967-75	Auburn University, Auburn, Alabama, USA	Associate Professor, and then Professor, C.E.	Teaching, Research, Consultancy
Summers 1967, 68	Oak Ridge Natl. Lab., U.S. Nuclear Comm., TN, USA	Scientist, Appl. Mech. Section, & Consultant to HSST Program	Stress Analysis of Nuclear Reactors and Thick-walled Pressure Vessels
1975-79	Vanderbilt University, Nashville, Tennessee, USA	Visiting Prof. of C.E., and then Research Professor	Teaching, Research, and Consultancy
1979-81	University of Alabama in Birmingham, Alabama, USA	Professor and Dept. Chairman, Civil Engineering	Teaching, Research, Consultancy, and Dept. Administration
1981-88	National Univ. of Singapore	Associate Professor of C.E.	Teach Undergrads in C.E.; Consultancy
1988-99	Vidyanaraya Academy of Computing, Mysore, India	Director and Professor of Computer Applications, President, Governing Council	Training, Consultancy, Software Development, Centre Administration Consulted for Infosys, and ExcelSoft
1999-2003	National Univ. of Singapore	Part-time Faculty in C.E. Dept.	Post-graduate courses in finite element methods, dynamics etc.
2010-19	Univ. of Newcastle, Australia, Singapore campus (thru PSB)	Associate Lecturer (Visiting Faculty)	1. Risk Assessment and Management 2. Technology and Human values
2000-Present	Universities, Govt. and private organisations in Singapore, such as: NUS, Ministry of Manpower, IE-Singapore, Singapore Contractors Assn.	Free-lance Consultant and Trainer, Workplace Safety, Risk Management, Computer Applications, and Structural Engineering	University courses, Continuing education courses, consultation and sponsored research projects, investigation of workplace and other accidents, expert witness for engineering-related cases
2019-Present	National Institute of Engineering, Mysuru, India	Distinguished Academic Visiting Expert Founding Director, Centre for Workplace Safety & Health	Seminars and courses for students and practising engineers Promotion of awareness of workplace hazards and their management

OTHER CREDENTIALS

Fellow	ASCE, (Founder President, S'pore Section); Singapore Structural Steel Society (Founder-President); Institution of Engineers (India); Association of Consulting C.E. (India) [I was P.E. in Alabama, USA.]
Member	American Society of Safety Professionals; Institution of Engineers (Singapore); Singapore Institution of Safety Officers; Hon. Mem.: Precast & Prestressed Conc. Soc. (Singapore); Myanmar Engrg. Society
Publications	5 Technical books; 4 co-authored books; 100 technical papers; 10 general books; many general articles
Inventions	(1) SAFER Diamond – Computer-graphics based technique for risk assessment, patented in Singapore, (2) Bar-Pod – Scaffold/falsework modular system, patented in Singapore, (3) SAFE-Walker – Automatic seat support for walking persons collapsing, Patent Pending in S'pore & India, (4) Krishna-Dheva – A Sanskrit-English transliteration scheme, copyrighted in India.
Hobbies	Photography, journalism, reading, poetry (Limericks), music; Sudoku; QUORA – Life counselling.