

## Professor B. Vijaya Rangan



### "A prolific and widely respected researcher in the field of concrete structures"

Dr. Balamuthu Vijaya Rangan is from Kunnathur, a small village in Tamil Nadu. He holds a Bachelor of Civil Engineering degree from the College of Engineering Guindy (now Anna University). After working as an engineer for a short-time, he started his academic career at PSG College of Technology, Coimbatore under the guidance of Professor V. Ramakrishnan who introduced him to research. He then moved to the Indian Institute of Science, Bangalore to secure a PhD degree working under the direction of Professor KTS Iyengar.

Professor Rangan continued his academic career at the University of Illinois, Circle Campus, Chicago, USA, South Dakota School of Mines and Technology, Rapid City, USA, the University of New South Wales, Sydney, Australia, and Curtin University, Perth, Australia. He also held short-term appointments at the University of Calgary, Canada, and the Structural Engineering Research Centre (SERC), Chennai. He is currently an Emeritus Professor of Civil Engineering at Curtin University, Perth, Australia; he served as the Dean, Faculty of Engineering and Computing, Curtin University prior to his retirement.

Dr Rangan has over 50 years of experience in teaching, research, professional and consultancy activities and, has taught and conducted research at major international institutions in Australia, Canada, USA, and India. He has published over 250 papers in international technical journals and conference proceedings and, about 60 research reports in the field of concrete structures and concrete technology, geopolymer concrete, high-strength and high-performance concretes, and concrete-filled steel tubular composite columns. Many of his papers have been published in The Indian Concrete Journal.

Professor Rangan has received the following prestigious international awards and prizes for research and professional contributions: Nicolaidis Prize, Institution of Engineers (India); Raymond Reese Structural Research Award, American Concrete Institute; Merit Award for Excellence in Concrete, Concrete Institute of Australia; Canadian Commonwealth Fellowship; Building Science Forum Australia Book Award; ACI Fellow Award, American Concrete Institute; American Concrete Institute Special Award for sustained and outstanding contributions to Concrete Technology in Australia;

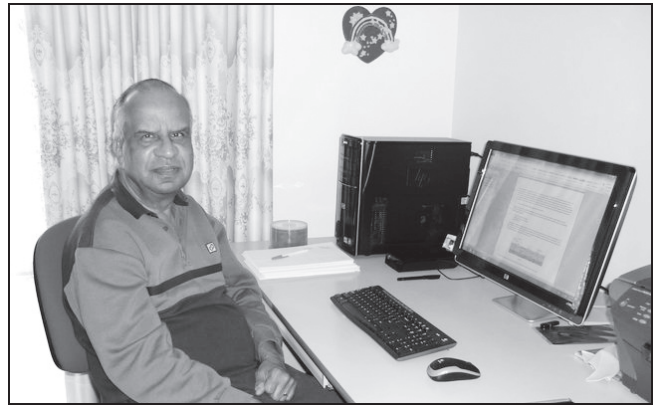
A colleague of Dr. Rangan comments:

*I first met Vijay in 1975 when I joined the School of Civil Engineering at the University of New South Wales (UNSW). At that time, Vijay had already established himself as one of the country's brightest and best researchers in the field of concrete structures.*

*For the next 15 years we worked in the same Department, both of us teaching and researching in the field of concrete structures. Since he left UNSW, we have remained in regular contact often through our work on Standards Committees. As an academic and as a researcher, Vijay has been outstandingly successful. He is Australia's most prolific and widely read researcher in the field of concrete structures and he is known throughout the industry both nationally and internationally. Through his books and papers, he is also known to almost every Australian civil engineering student. He has made a major contribution to his profession.*

*As a friend, Vijay has also been outstandingly successful. He is generous in his advice, always willing to help, and he can be relied on for support, encouragement, loyalty and wise counsel. His friendship, in good times and bad, has meant much to me over many years and it has been and will always be highly valued.*

Professor Ian Gilbert, Emeritus Professor of Civil Engineering, University of NSW, Australia



Special Award for significant research on Geopolymer Concrete, Geopolymer Institute, France; Honorary Life Fellow, Indian Concrete Institute, India; Honorary Member, Concrete Institute of Australia.

Dr. Rangan is a co-author of the well-known text book "Concrete Structures" and its predecessor "Reinforced Concrete", widely used by university students and professional engineers in Australia and sold about 50,000 copies since publication of the first edition in 1976. He has also co-edited a reference book entitled "Large Concrete Buildings" and contributed Chapters to two other international books.

Professor Rangan actively served the Standards Australia Committee on Concrete Structures for more than 25 years and has contributed significantly to the development of present and previous Australian Standards on Concrete Structures. He is also a Fellow of several international professional bodies.

## Be an ICJ Author

We at ICJ offer an opportunity to our readers to contribute articles and be a part of a big family of ICJ authors.

In particular, we will appreciate receiving contributions on the following:

- Articles bearing on innovative design and construction
- Articles dealing with challenging construction problems and how they were solved.
- Just a "Point of view" covering your opinion on any facet of concrete, construction and civil engineering

All contributions will be reviewed by expert Editorial Committee. Limit your contribution to about 2000 words only.

Contact: The Editor, The Indian Concrete Journal, ACC Limited, L.B. Shastri Marg, Thane 400 604.  
Tel: +91 (22) 33027646 E-mail: editor@icjonline.com

THE INDIAN  
CONCRETE  
JOURNAL