

## Curriculum Vitae

**Name** : Dr K Radhakrishna

**Date of Birth** : 21 March 1963

## Educational Qualification

Degree	Specialisation	College / Institution	Institution	Grade / Rank
BE	Civil Engineering	University Visveswaraya College of Engineering	Bangalore University	First Rank (Final Year)
ME	Structural Engineering	University Visveswaraya College of Engineering	Bangalore University	First Class with Distinction
PhD	Blast Resistance of Structures	IIT Madras	IIT Madras	-

## Theses

1. Computer Programming for Analysis of Framed Structures, BE Thesis, UVCE Bangalore, 1984
2. An Experimental Investigation of the Flexural Behaviour of Ferrocement Hyperbolic Paraboloid Shell Roof Elements, ME Thesis, UVCE Bangalore, 1987
3. Experimental Investigations and Analysis of Mild Steel and Microconcrete Panels subjected to Simulated Near-Field Blast Pressure Loads, PhD Thesis, IIT Madras, 2002

## **Publications**

1. An Experimental Facility to Investigate Missile Impact on Small Scale Concrete Elements, Transactions of the 12<sup>th</sup> International Conference on Structural Mechanics in Reactor Technology, Stuttgart, Germany, August 15-20, 1993
2. A Review of Experimental Investigations on Blast Resistance of Structures, Indian Concrete Journal, May 1994
3. An Experimental Facility to Simulate Blast Loading on Structures, Proceedings of the Workshop on Vibration Testing Facilities, IIT Madras, March 1995
4. Preliminary Studies on Microconcrete Slab Models Subjected to Simulated Blast Loading, Trends in Structural Engineering – Towards the 21<sup>st</sup> Century, Proceedings of the Structural Engineering Convention, IIT Madras, February 1997.
5. Response of Mild Steel Plates to Simulated Blast Loading, International Conference on Experimental Model Research and Testing of Thin-Walled Structures, Prague, Czech Republic, September 22-24, 1997
6. High Strain Rate Effects on Mechanical Properties of Concrete and Steel, Proceedings of the Second Conference on Engineering Applications of Solid Mechanics, Kalpakkam, India, December, 1997
7. An Experimental Facility to Investigate Blast Loading on Structures, Journal of the Institution of Engineers (India), May 1999
8. Response of Microconcrete Plate Elements to Simulated Blast Loading, Proceedings of the International Conference on Innovation in Concrete Structures : Design and Construction, University of Dundee, Scotland, UK, September 1999
9. Evaluation of Steel and RCC Blast Resistant Doors for Strategic Storage Facilities by Full Scale Blast Testing, Report on Design and Testing of Indigenous Blast Resistant Doors, DRDO, 2017
10. Precast Construction of A330 Hangar at CABS, Conference on Prefab Structures including Multi-storeyed Building with Seismic Zone Modification, March 2018

## Awards and Recognition

Award	Summary of Achievement (from the Citation)	Year
DRDO Commendation Certificate	Commendation Certificate for Contribution to the IGMDP	1989
DRDO Special Award for Strategic Contribution	Special Award for Strategic Contribution for Planning, Designing and Execution of Highly Specialized Civil Works at Some of the Most Difficult and Hazardous Areas within Time	2010
Dayananda Sagar Institution Award	Award in Honour and Recognition of Achievements and Significant Contribution in Engineering	2016
DRDO Best Techno Managerial Award	Best Techno Managerial Services, Outstanding Technical and Managerial Skills have Delivered Finest Infrastructure of Highest Quality for Strategic and Mission Programmes using Advanced Technology. The Team has Delivered Instant Solutions to Complex Technological Challenges in the Most Difficult and Challenging Situation within Stipulated Time	2016

## Professional Memberships

1. Member of the American Society of Civil Engineers (PE)
2. Fellow of the Institute of Engineers (India)
3. Member of the Indian Roads Congress