

Dr. B. Kondraivendhan

Education

P.D.F. : Nanyang Technological University (NTU), Singapore

Ph.D.: Indian Institute of Technology (IIT) Delhi, New Delhi, India.

M.E (Structures): Annamalai University, Chidambaram, Tamil Nadu.

B.E (Civil Engineering): ACCET, Karaikudi, Tamil Nadu

Working Experience

- Worked as a lecturer at Thirumalai Engineering College, Kanchipuram, Tamil Nadu, India. Aug'2004-July'2006.
- Worked as a Professor in the department of Civil Engineering at S.K.P Engineering College, Tiruvannamalai, India. Aug'2012-Aug'2013.
- Working as an Assistant Professor in the Applied Mechanics Department at S.V. National Institute of Technology, Surat, Gujarat, India. Since Aug'2013- till date.

Research Interest

1. Pore structure characterization and modeling of pore size distribution of cement based materials.
2. Effect of pozzolanic materials addition/replacement in cement based system.
3. Strength and durability studies on cement based materials.
4. Studies on reinforced concrete corrosion.
5. Repair and rehabilitation of concrete structures.
6. Alternative materials for concrete production

Publications

He has published good number of papers only in SCI and Scopus indexed Journals and authored a book namely "Service life prediction model for reinforced concrete structures", Lap Lambert Academic Publishing, 2014, ISBN-13-978-3-659-55017-1

Guidance

The following numbers of students are guided/guiding by him:

B.Tech : 8

M.Tech: 5

Ph.D. : 5

Recognition

- ❖ Visiting student of University of Dundee, Scotland, UK during May-June 2010
- ❖ Received MHRD scholarship for pursuing Ph.D. at IIT Delhi during Jul'2006-Nov'2010
- ❖ Received scholarship from NTU Singapore for pursuing P.D.F (Post-doctoral Fellowship) during Dec'2010- Jul-2012
- ❖ Reviewer for DST (Department of Science and Technology INDIA) Projects.
- ❖ Reviewer for Construction and Building Materials Journal
- ❖ Reviewer for Materials and Structures Journal
- ❖ Reviewer for Powder Technology Journal
- ❖ Reviewer for Journal of Advanced Concrete Technology
- ❖ Reviewer for computers and concrete Journal
- ❖ Reviewer for scientific Iranica

- ❖ Acted as a Research Progress Seminar (RPS) committee member at RK University, Rajkot, Gujarat
- ❖ Involved as an expert committee member in so many condition assessment of concrete structures
- ❖ Actively involving the routine concrete material testing and mix design at SVNIT Surat.
- ❖ Delivered number of expert lectures in Short Term Training Programmes and workshops.
- ❖ Acting as a Research progress Seminar (RPS) committee member for more than 20 Ph.D. candidates at both Civil Engineering and Applied Mechanics Departments.

Countries visited

England, Scotland, Singapore, Malaysia, and Indonesia