



Saranagon Hemavibool

Title : Assistant Professor
Field of Study : Structural Engineering
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Education Background

Ph.D. in Structural Engineering School of Civil Engineering, The University of Leeds, UK ,2008

M.Eng. in Structural Engineering School of Civil Engineering, Asian Institute of Technology, Thailand ,1995

B.Eng. in Civil Engineering Faculty of Engineering, Chiang Mai University, Thailand ,1992

Research Interests

Microstructure of the cementitious materials and their relationship with the engineering properties, Fiber reinforced concrete, Early-age cracking of concrete, Use of waste materials in concrete

Teaching

- Mechanics of Materials I
- Structural Analysis I, II
- Civil Engineering Materials and Testing Laboratory
- Reinforced Concrete Design I, II
- Building Design
- Design of Timber and Steel Structures
- Prestressed Concrete Design
- Civil Engineering Project

Selected Publications

- S. Hemaibool, I. G., Richardson and P. J., Wainwright “Microstructure of the synthetic aggregate produced from the granite quarry waste material”, Submitted to “*Journal of the European Ceramic Society.*”
- S. Hemavibool, *Matrix Analysis of Structures*, 2000.

Scholarship

1993-1995 Scholarship from the DAAD (Deutscher Akademischer Austauschdienst), Germany
(The scholarship was awarded for studies at Asian Institute of Technology)

Researches

2000 Influence of Fine Aggregate Surface Area on Mechanical Properties of Mortar and Concrete

Grant from Faculty of Engineering, Naresuan University

2001 Mechanical Properties of Polymer Portland Cement Concrete made with recycled plastic

Grant from the Ministry of University Affairs

2002 Effect of Recycled Plastic and Fly Ash on Sulfate Resistance of Concrete

Grant from the Thai government.

Work experiences

1992 - 1993 Site Engineer, Chiang Mai Rimdoi Co., Ltd.

1995 – 1996 Structural Engineer, R.K.V. Engineering Consultant Co., Ltd.

1997 – 2001 Lecturer at the Faculty of Engineering, Naresuan University.

April 1997 – May 1998 The assistant-dean of the faculty of engineering’s department of student affairs, Naresuan University.

Oct.1997 – Sept. 2000 A member of the faculty senate of Naresuan University.

June – Oct. 2002 The head of civil engineering department, Naresuan University.

Sept. 2001 – Feb. 2008 Assistant Professor at the Faculty of Engineering, Naresuan University.

Mar. 2008 – At present Deputy Dean for Academic affairs