



Biographical Data

Institute of Engineering,
Suranaree University of Technology
111 University Avenue, Muang District,
Nakhon Ratchasima 30000
Tel: 0 4422 4221 FAX: 0 4422 4220



tanong@sut.ac.th

ดร. ทนงศักดิ์ พิศาลสิน

Dr. TANONGSAK BISARN SIN

Education and Competence:

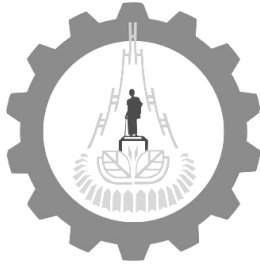
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| 1972 | B.Eng.(Civil Engineering), Chulalongkorn University, Bangkok, Thailand |
| 1976 | M.Eng.(Civil Engineering), University of Texas at Arlington, Arlington, Texas, USA |
| 1983 | Ph.D.(Civil Engineering), University of Texas at Arlington, Arlington, Texas, USA |

Present Position:

1. Director-Computer Center for Services, Suranaree University of Technology, Nakhon Ratchasima, Thailand
2. Lecturer, School of Civil Engineering, Suranaree University of Technology.

Work Experiences:

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| 2002-Present | Director-Computer Center for Services, Suranaree University of Technology, Nakhon Ratchasima, Thailand |
| 1995-2002 | Deputy Director-Computer Center for Services, Suranaree University of Technology, Nakhon Ratchasima, Thailand |
| 1994- Present | Lecturer, School of Civil Engineering, Suranaree University of Technology |
| 1989-1994 | Engineering Manager, W.R.Grace & Co., Fort Worth Texas, USA |
| 1987-1989 | Chief Engineer, Composite Technology, Inc., Fort Worth Texas, USA |
| 1983-1987 | Engineer, Composite Technology, Inc., Fort Worth Texas, USA |



Academic and Professional Backgrounds:

Structural Engineering – Behavior and Design of Fiber-Reinforced Composite Structures, also in Computer-Aided Structural Mechanics using Finite Element Methods. Specialized in Enhanced media Instructions in Technical and Engineering Applications through Internet and Intranet. Member of American Society of Civil Engineers Structural Plastics Composites Committee. Registered as a Professional Engineer Thailand.

Technical Reports and Publications:

1. **Bisarnsin, T.**, "Predicting the Effects of Radial Keratotomy," Ph.D. Dissertation, University of Texas at Arlington, Arlington, Texas, 1983.
2. **Green, A., and Bisarnsin, T.**, "Building Construction Materials," Van Nostrand Reinhold, Advanced Thermoset Composites: Industrial and Commercial Applications , pp. 249-271, 1986.
3. **Huang, T, Schachar, R.A., and Bisarnsin, T.**, "Curvature Change Due to Radial Keratotomy," Proceedings of the International Conference of Finite Element Methods, Gordon and Breach, Science Publishers, Inc., New York, 1988.
4. **Huang, T., Schachar, R.A., and Bisarnsin, T., and Black, T.D.**, "Corneal Curvature Change Due to Structural Alteration by Radial Keratotomy," Transactions of The ASME, Journal of Biomechanical Engineering, Volume 110, August 1988.
5. **Green, A., and Bisarnsin, T.**, "Predicting the Performance of Composites Experimentally," Managing Corrosion with Plastics, Volume IX, The National Association of Corrosion Engineers, 1988.
6. **Yuan, R.L., Hashem, Z., Green, A., and Bisarnsin, T.**, "Fiber-Reinforced Plastic Composite Columns," Proceedings of the ASCE Special Conference: Advanced Composites Materials in Civil Engineering Structures, 1991.
7. **Green, A., and Bisarnsin, T., and Love, E.**, "Pultruded Reinforced Plastics for Civil Engineering Structural Applications," 47th Annual Conference, The Society of Plastic Industry, 1992.
8. **Love, E., and Bisarnsin, T.**, "Experimental Investigation of Self-Tapping Fasteners to Pultruded Fiber-Reinforced Plastics Beams," Proceedings of the Material Congress, ASCE. 1992.
9. **Green, A., Bisarnsin, T., and Love, E.**, "Pultruded Reinforced Plastics for Civil Engineering Structural Applications," Journal of Reinforced Plastics and Composites, October 1994.