

KRISHNAPRABHA RADHAKRISHNAN

1415 Eldridge Parkway, APT 926
Houston, Texas 77077
512-587-0604
krishnakr83@gmail.com

Objective To obtain a full-time position as a Cost Engineer.

Education **Master of Science, Civil Engineering, May 2010**
Major: Construction Engineering and Project Management
The University of Texas at Austin
Overall GPA: 3.81/ 4.00

Masters, Business Administration, June 2006
University of Kerala, India

Bachelor of Technology, Civil Engineering, June 2004
Cochin University of Science and Technology, India

Related Courses

Project Controls, Metrics, Construction Productivity, Human Resources Project Management, Engineering Statistics, Advanced Legal Concepts, Introduction to Risk Management, Value Management Processes, Financial Management, Business Economics, Organizational Behavior

Thesis

Development of a decision making procedure for outsourcing engineering services in Texas Department of Transportation (TxDOT)

Analyzed the engineering outsourcing practices of TxDOT and developed a framework for the systematic assessment of outsourcing potential of engineering functions, which would enable TxDOT districts to contract out cost-effectively without losing core competencies.

Experience

07/20/2010-Present **Researcher, The University of Texas at Austin**
Analyzing data for preparing a handbook on forecasting practices in the construction industry.

07/2006 - 03/2008 **Construction Management Lecturer, Cochin University of Science and Technology, India**
Performed course design, preparation, evaluation and grading for undergraduate Management courses: Construction Engineering and Management, Organization and Management in Construction, Construction Equipment and Materials Management, MIS and Finance Management, MS Project, Primavera.

02/2006 - 03/2006 **Project Trainee, The Federal Bank Limited, India**
Performed SWOT (Strength, Weakness, Opportunity and Threat) analysis of the organization. Identified the possible human resource issues related with the implementation of new banking solution (Core Banking System), and then devised a human resource strategy for the successful implementation of the new technology.

Academic Experience **Research Assistant, The University of Texas at Austin**
Analyzed the current project delivery business model and estimated the average project delivery costs of TxDOT. Developed a more structured project delivery model and calculated the optimum engineering outsourcing volume.

Productivity Improvement Studies, UT Austin

Analyzed construction activities at the construction site of an educational institution building using five minute rating and crew balance charts. Proposed an efficient crew allocation chart based on the findings.

Study on foundation failures, Cochin University of Science and Technology

Investigated the causes of foundation failures in and around a township by conducting detailed soil exploration, and then suggested more suitable foundation.

Skills

Experience with Financial Performance Analysis
Experience with Project Controls techniques and development of Metrics
Knowledge of Value Management concepts such as constructability and engineering strategies

Software skills: Microsoft Office, Microsoft Project, Primavera, @Risk, RiskOptimizer, Solver, StatTools, SPSS, JMP, Autocad

Strong communication skills-oral, written and presentation
Excellent interpersonal and mentoring skills
Strong decision making ability
Excellent team skills

Accomplishments

Ranked 5th in a class of 43 students for undergraduate study.
Organizing Committee Member, "Kalpatha" (national level management conference), University of Kerala, 2004-2006
Member, Graduate Student Organization, UT Austin, 2008-Present

Publications

Persad, K. R., Radhakrishnan, K. K., (2010). An Assessment of TxDOT's Project Delivery Business Model. TxDOT Project 0-6581-CT: TxDOT Administration Research.

Employability Status

Student Visa – F1/OPT