

Vish Hegde

College of Business and Economics, California State University, East Bay
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EDUCATION

Ph.D., UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; August 1997

Major: Operations Management

Minor: Econometrics

Bachelor of Engineering, UNIVERSITY OF MYSORE, Mysore, India; January 1985

Major: Mechanical Engineering

EXPERIENCE

Research & Teaching **College of Business and Economics**, CALIFORNIA STATE UNIVERSITY, East Bay, CA

Professor of Management, September 2013 – Onwards

Associate Professor of Management, September 2008 – May 2013

Assistant Professor of Management May 2001 – August 2008

IT Industry

*ERP Services
& Product
Management*

PEOPLESOFT, INC., Pleasanton, CA, October 1997 - March 2001

Product Manager, eCenter Architecture & Product Strategy; January 2000 – March 2001

Senior Consultant, PeopleSoft Consulting, October 1997 - January 2000

*Experience during
Ph.D. program*

Support Analyst, DENEBOBOTICS INC, Troy, MI (practical training); February 1997–Oct 1997

Software Consultant, RAPADIGM INC., Columbus, OH; (practical training); May 1996–Nov 1996

Research Assistant/Lecturer, UNIV of PITTSBURGH, Pittsburgh, PA; August 1989 – April 1996

Research Assistant, CARNEGIE MELLON UNIV, Pittsburgh, PA, May 1990 – May 1991

Engineering Design

Aeronautical Engineer; HINDUSTAN AERONAUTICS LTD, India; March 1987 - August 1988

Project Engineer, INDIAN INSTITUTE OF SCIENCE, India; May 1985 – March 1987

TEACHING EXPERIENCE

Courses Taught

Undergraduate Program - Online

Decision Sciences

Project Management

Operations Management

Undergraduate Classes - On-ground

Project Management

Operations Management

Decision Sciences

Advanced Operations Management

Supply Management and Strategic Sourcing
Total Quality Management
Applications of Decision Making

EMBA programs at Singapore/Moscow & Transnational EMBA,

Global Supply Chain Management
E-Commerce Enterprise Management

Graduate Classes

Project Management
Data Mining
Global Supply Chain Management
Operations and Supply Chain Management
Supply Management & Strategic Sourcing
E-Commerce Enterprise Management
Global Operations Management
Quality Management
Quantitative Business Methods/Decision Sciences
Telecommunication Management Systems
Management Information Systems
Business Statistics

University Extension

Project Management Certificate Program
Generation of Requirements & Sources of Supply
New Product Introduction (NPI)
Quality Improvement in Operations and Materials Management
Quality Control Problem Solving Tools

Seminars and Professional Classes

Procurement's Role in Value Creation: Requirement Definition Process (Webinar for Hitachi)
Information Technology in Supply Chain Management (SCM Program for Chinese Executives)
E-Commerce & Supply Chain (SCM Program for Chinese Executives)
Electronic & Mobile Business Models (Small Business Development Council seminar)
Information Systems for Supply Chain Management (IT Program for Chinese Executives)

ACADEMIC RESEARCH

Published Refereed Journal Papers

- Kancharla, S.P. and Hegde, V.G., "Inferences about Supply Chain Practices using Financial Ratios", *Journal of Supply Chain and Operations Management*, Vol. 14, No. 1, 2016, 144-161.
- Hegde, V.G., Radovilsky, Z. and E. Nakayama, "Resource Allocation Patterns in a Multi-Project Portfolio of Engineering Projects," *Journal of International Business and Economics*, Vol. 14, No. 3, 2014, 181-196.
- Hegde, V.G. and Radovilsky, Z., "Shifts in Supply Chain Job Requirements and Its impact on Supply Chain Curriculum," *Journal of Academy of Business and Economics*, Vol. 12, No. 4, 2013, 28-38.

- Nakayama, E, Hegde, V.G. and S. Motavalli, "Factors Influencing Project Duration in Multi-Project Environments: A Study in a Public Works Engineering Division", *Journal of Supply Chain and Operations Management*, Vol. 10, No. 1, 2012, 195-211.
- Radovilsky, Z. and Hegde, V.G., " Trends in Supply Chain Management Job Requirements: A Longitudinal Study", *Journal of Supply Chain and Operations Management*, Vol. 10, No. 1, 2012, 168-181.
- Radovilsky, Z. and Hegde, V.G., "Identifying and Analyzing Quality in Supply Chain", *California Journal of Operations Management*, Vol. 9, No. 1, 2011, page 58-70.
- Radovilsky, Z. and Hegde, V.G., "A Framework to Assess Effectiveness of Online Model for Operations Management Courses", *California Journal of Operations Management*, Vol. 7, No. 1, 2009, page 121-130.
- Hegde, V.G., Radovilsky, Z, Gabriel, T, and Khade, A., "Comparing E-Satisfaction Ratings between Click-and-Mortar and Pure-Online E-Tailers", *California Journal of Operations Management*, Vol. 6, No. 1, 2008; page 140-148.
- Sengupta, K. and V. G. Hegde, "Forecast Structure as a Key Driver for Determining Collaboration Requirements", *Journal of Academy of Business and Economics*, Vol. VII, No. 2, 2007, pp. 161-170.
- Radovilsky, Z, Hegde, V.G. and Kandasamy, G., "Supply Chain Management Curriculum Development through Job Market Requirements", *California Journal of Operations Management*, Vol. 5, No. 1, 2007.
- Hegde, V. G., Kekre, S., Rajiv, S. and P. R. Tadikamalla, "Customization: Impact on Product and Process Performance", *Production and Operations Management*, Vol. 14, No. 4, 2005.
- Hegde, V.G., "An Internal View of the Outsourcing Decision Process in a Manufacturing Firm", *California Journal of Operations Management*, Vol. 3, No. 1, 2005.
- Radovilsky, Z and V.G. Hegde, " Factors Influencing E-Commerce Implementation: Analysis of Survey Results" *Journal of Academy of Business and Economics*, Vol. IV, No. 1, 2004.
- Choy, R. and V.G. Hegde, " The Outsourcing Dilemma for Small and Midsize Manufacturing Enterprises: A Case Study," *California Journal of Operations Management*, Vol. 2, No. 1, 2004.
- Hegde, V.G. and Z. Radovilsky, "An Integrated Framework for Developing E-Business Projects" *Journal of Academy of Business and Economics*, Vol. 2, No. 1, 2003.
- Johnson, D. D. and V. G. Hegde, "Operations of Product Configuration Systems: An Empirical Investigation", *California Journal of Operations Management*, Vol. 1, No. 1, 2003.
- Hwang, Y., Evans, J. H. and V. G. Hegde, "Product Cost Bias and Selection of an Allocation Base", *Journal of Management Accounting Research*, Fall 1993, 213-241.

Published Refereed Conference Proceedings

- Sengupta, K and V. G. Hegde, "Forecast Process Structure as a key Driver for Determining Collaboration Requirements", *paper is accepted for refereed research paper proceedings of the 38th Annual Meetings of Decision Sciences Institute, to be held at Phoenix, 2007.*
- Hegde, V. G. and R. Choy, " Impact of Organizational and Incentive Structure on Outsourcing Decisions in Manufacturing Firms", *refereed research paper in the 35th Annual Meetings of Decision Sciences Institute proceedings, 2004.*
- Radovilsky, Z and V.G. Hegde, " E-Commerce Development Model: Structure and Elements", *refereed research paper in the 35th Annual Meetings of Decision Sciences Institute proceedings, 2004.*

Academic Conference Presentations

- Kancharla, S.P. and Hegde, V.G., "Inferences about Supply Chain Practices using Financial Ratios", *presented at 28th Annual CSU-POM conference, San Francisco, February, 2016.*
- Hegde, V. G and Z. Radovilsky, "Resource Allocation Patterns in a Multi-Project Portfolio of Engineering Projects", *presented at 27th annual Production and Operations Management Society (POMS) conference, Orlando, May 2016.*
- Hegde, V.G., Radovilsky, Z. and Sengupta, E., "An Empirical Evidence of Supply Chain Quality Related Customer Clusters in the Consumer Durables Industry," *25th annual Production and Operations Management Society (POMS) conference, Atlanta, May 2014.*
- Hegde, V.G. and Nakayama, E, "Estimation of Project Duration in Multiple Project Environments", *presented at 23rd annual Production and Operations Management Society (POMS) conference, Chicago, April 2012.*
- Hegde, V.G., Nakayama, E, and S. Motavalli, "Factors Influencing Project Duration in Multi-Project Environments: A Study in a Public Works Engineering Division", *presented at 23rd annual CSU-POM conference, San Jose, February, 2012.*
- Hegde, V. G and Z. Radovilsky, "Measuring Customer Centric Quality in Supply Chains", *presented at 22nd annual Production and Operations Management Society (POMS) conference, Reno, May 2011.*
- Hegde, V. G and Z. Radovilsky, "A Framework to Assess Effectiveness of Online Model for Operations Management Courses", *presented at 21st annual Production and Operations Management Society (POMS) conference, Vancouver, May 2010.*
- Hegde, V. G, "Comparing E-satisfaction Ratings between Click-and-Brick and Pure-Online E-Tailers ", *presented at 19th annual Production and Operations Management Society (POMS) conference, La Jolla, May 2008.*
- Hegde, V. G, "Structure of Collaborative Forecasting: Insights from Six Case Studies", *presented at INFORMS annual meetings, Whashington DC, October 2008.*
- Sengupta, K and V. G. Hegde, "Forecast Process Structure as a key Driver for Determining Collaboration Requirements", *presented at the 38th Annual Meetings of Decision Sciences Institute, Phoenix, 2007*
- Hegde, V. G. and Sengupta, K., "Operational Complexities Associated with Product Configurator Deployments: An Exploratory Study", *presented at 18th annual Production and Operations Management Society (POMS) conference, Dallas, May 2007.*
- Hegde, V. G. and Sengupta, K., "Operational challenges of Product configurators: A Field Study", *presented at the 37th Annual Meetings of Decision Sciences Institute, San Antonio, November 2006.*
- Hegde, V. G. and Sengupta, K. "Forms of Supply Chain Collaboration and Their Antecedents", *presented at 17th annual Production and Operations Management Society (POMS) conference, Boston, May 2006.*
- Sengupta, K. and Hegde, V. G., "The interrelationship between Demand Management and Supply Chain Integration Strategies", *presented at the 36th Annual Meetings of Decision Sciences Institute, San Francisco, November 2005.*
- Hegde, V. G. and K Sengupta, "Process Focused Approaches to Demand Chain Network Design", *presented at 16th annual Production and Operations Management Society (POMS) conference, Chicago, May 2005.*
- Hegde, V.G., "An Internal View of the Outsourcing Decision Process in a Manufacturing Firm", *presented at CSU-POM 17th annual meetings, San Francisco, 2005.*
- Hegde, V. G. and R. Choy, "Impact of Organizational and Incentive Structure on Outsourcing Decisions in Manufacturing Firms", *presented at the 35th Annual Meetings of Decision Sciences Institute, Boston, 2004.*

Radovitsky, Z and V.G. Hegde, " E-Commerce Development Model: Structure and Elements", *presented at the 35th Annual Meetings of Decision Sciences Institute, Boston, 2004.*

Choy, R. and V.G. Hegde, " The Outsourcing Dilemma For Small and Midsize Manufacturing Enterprises: A Case Study," *presented at CSU-POM 16th annual meetings, Northridge, 2004.*

Invited Presentations, Webinars and Workshops for Companies/Institutions

CISCO SYSTEMS INC, Santa Clara, CA: *January 2013, Presentation to Release Management Group, Topic: Emerging Trends in Project Management: Multiple Project Management and Agile Project Management.*

HITACHI, INC., USA, December 2010. **Webinar** to managers from multiple USA locations, Topic: Procurement's Role in Value Creation: Requirement Definition Process.

BART, Inc, Oakland, CA, January 2010, Two day **workshop** for middle management, Topic: Introduction to Project Management and its role in industries.

BART, Inc, Oakland, CA, December 2009. One day **workshop** for senior executives, Topic: Introduction to Project Management and its role in industries.

INFOSYS, INC, Bangalore, India, *July 2004*, Presentation to IT Managers, Topic: E-Commerce Development: Structure and Elements.

INDIAN INSTITUTE OF MANAGEMENT, BANGALORE, Bangalore, India, *July 2004*, Research presentation to academic audience, Topic: Customization: Impact on Product and Process Performance

INSTITUTE OF FINANCIAL AND INTERNATIONAL MANAGEMENT, Bangalore, India, *July 2004*, Presentation to MBA students, Topic: E-Commerce Development: Structure and Elements.

TECHNICAL SKILLS

ERP/eBusiness Applications

<i>PeopleSoft Materials Management:</i>	Purchasing, Inventory, eProcurement
<i>PeopleSoft Sales & Logistics:</i>	Order Management, Inventory, Product Configurator, eStore
<i>PeopleSoft Production Management:</i>	Production Management, Bills & Routings, Cost Management
<i>PeopleSoft SCM Planning:</i>	Demand Planning, Enterprise Planning, Production Planning
<i>PeopleSoft Financials:</i>	Projects, Budgets, General Ledger

System Design & Development

<i>Programming Languages:</i>	C, SQL, Pro*C, C++, FORTRAN
<i>Relational Database Systems:</i>	ORACLE, MS SQL Server, MS Access
<i>Multidimensional Database Systems:</i>	Essbase, Cognos
<i>Operating Systems:</i>	MS-Windows, Unix
<i>Systems analysis & design:</i>	Structured analysis/design, Object Oriented analysis/design

Analytical/Operations Analysis

<i>Project Management:</i>	Microsoft Project
<i>Quantitative Analysis:</i>	LINDO, GAMS, IMSL
<i>Simulation:</i>	SLAM II, QUEST, IMSL, @Risk

Statistical Analysis and Business Analytics: JMP, SAS, SPSS, LIMDEP, GAUSS, IMSL

Technology & Architecture

Internet Technologies:

PeopleSoft Internet and Portal Technologies, iNET+ topics

IT Infrastructure:

ASP architecture & Operations, Telecommunication & Information
System architecture

CONSULTING/RESEARCH PROJECTS WITH INDUSTRY

I have worked with the following companies during my academic and industrial career in USA.

- CISCO Inc, CA
- Hitachi USA, CA
- BART, CA
- PEPSI Cola General Bottlers, IL
- Fastenal Company, MN
- Elkay Manufacturing, IL
- Antec, IL
- Elcor Corporation, TX
- HP, Sonoma, CA
- Qualcomm, CA
- US Mint, NY
- Mother's Cookies, CA
- CUC International, OH
- LTV Steel, PA
- Chrysler, MI
- Westinghouse, PA
- WHEMCO, PA