

Gangaraju Vanteddu

Educational Qualification	Name of the University	Major	Grade
Ph.D (2008)	Wayne State University, Detroit, U.S.A	Industrial Engineering	3.9
M.Tech	Indian Statistical Institute Calcutta, India	Quality, Reliability & Operations Research	Honors
B.Tech	SVU College of Engrg, Tirupati, India	Civil Engineering	First Class with Distinction

Professional Memberships:

- **APICS**
- Institute for Operations Research and the Management Sciences (**INFORMS**)
- American Society for Quality (**ASQ**) and also serving as a member of the **Armand V. Feigenbaum medal committee** since 2007.

Professional Certifications (Current):

- **APICS** (The association for Operations Management) Certification as a ‘Certified Supply Chain Professional’ (**CSCP**) - June 2016.
- ‘American Society for Quality (**ASQ**)’ certification as a ‘Certified Quality Engineer (**CQE**)’ -Dec 2016: Certification # 47259.
- ‘American Society for Quality (**ASQ**)’ certification as a ‘Certified Reliability Engineer (**CRE**)’ -Dec 2016: Certification # 5891.

Professional Certifications (Previous):

- IQA-IRCA-IATCA-UK certified **ISO 9000 Lead Auditor** – Nov 2000
Conferring Body: Nigel Bauer Associates, UK.

Primary Research Interests:

- Supply Chain Management
- Applied Probability/Statistics
- Math Programming/Optimization
- Statistical Quality Control
- Six Sigma Quality in Industry/Service sectors

Research Publications:

- Vanteddu, G., and Gray, N. (2017). “Ease of Doing Business in the Developing World and Political and Civil Rights”, *Journal of International Business and Economics*, Vol. 17, Iss 4, pp: 79-88.
- Vanteddu, G., and McAllister, C. (2014). “An integrated approach for prioritized process improvement”, *International Journal of Healthcare Quality Assurance*, Vol. 27, Iss 6, pp: 493-504.
- Vanteddu, G., and Chinnam, R.B. (2014). “Supply chain focus dependent sensitivity of the point of product differentiation”, *International Journal of Production Research*, Vol. 52:17, pp: 4984-5001.

- Vanteddu, G., and Somarajan, C. (2012). “A ‘continuous improvement’-based approach for the assessment of student learning”, *Int. J. Information and Operations Management Education*, Vol. 5, No. 1, pp.86–103.
- Vanteddu, G., Chinnam, R.B., Gusikhin, O. (2011). “Supply Chain Focus Dependent Supplier Selection Problem”, *International Journal of Production Economics*, 129, 204-216
- Dogan, I., Yoo, J., Chinnam, R.B., Jia, Y., Vanteddu, G.(2008). “Design and Analysis of Agents for Supply Chain Management: Experiences from the Trading Agent Competition”, *International Journal of Modeling and Simulation*, Volume 28, No. 4, 2008.
- Vanteddu, G., Chinnam, R.B., Yang, K., Gushikin, O. (2007). “Supply chain focus dependent safety stock placement”, *Int J Flex Manuf Syst*, Vol. 19(4), 463-485.
- Vanteddu, G., Chinnam, R.B., Yang, K. (2006). “A performance Comparison tool for supply chain management”, *Int. J. Logistics Systems and Management*, Vol.2, No. 4, pp.342-356.

Conference Presentations:

- Vanteddu, G. “Strategic and Tactical Planning in Dimension Stone Industry”, Institute for Operations Research and the Management Sciences (INFORMS) conference held in Houston, TX
Presentation date: October 22, 2017
- Vanteddu, G. “Application of Linear Programming in Dimension Stone Industry”, Institute for Operations Research and the Management Sciences (INFORMS) conference held in Nashville, TN
Presentation date: November 15, 2016
- Vanteddu, G. “Impact of Non-traditional Factors on the Quality of the Business Environment”, Decision Sciences Institute (DSI) annual conference held at Seattle, WA ;
Presentation date: November 22, 2015
- Vanteddu, G. “Ease of Doing Business and the Developing World”, Network of International Business Schools (NIBS) annual conference held at St Louis, MO ;
Presentation date: May 20, 2015
- Vanteddu, G. “A strategic tool for achieving compatibility between quality and supply chain drivers in healthcare industry”, Informs Annual conference in Minneapolis, MN (Oct 6th to 7th, 2013)
- Vanteddu, G. ”Optimal order splitting ratios for a two supplier case in a supply chain configuration problem”, Informs Annual conference in Phoenix, AZ (Oct 13th to 15th, 2012)
- Vanteddu, G. “ Optimal order splitting ratios for a two supplier case in a supply chain configuration problem”, MBAA International conference (Chicago, March 23rd, 2011)
- Vanteddu, G. “Effect of the Quality Drivers on the Supply Chain Drivers”, DSI Annual conference (San Diego ,Nov 23rd, 2010)
- Vanteddu, G. “Effective Management of the Quality and the Supply Chain Drivers in Healthcare Industry”, Informs annual conference in Austin ,TX (November 7th, 2010)
- Vanteddu, G. “Interrelation ship between quality and supply chain drivers in health care industry” on November 3rd 2010 at the BRAINS seminar ,Harrison College of Business, SEMO
- Vanteddu, G., Chinnam, R.B., Yang, K. “Supply chain focus dependent treatment of the sensitivity of the point of product differentiation”, DSI 2008 Annual meeting ,Nov 22-25, Baltimore,VA

- Vanteddu, G., Chinnam, R.B., Yang, K. “Supply chain focus dependent safety stock placement Problem”, Informs Annual meeting ,Nov 4-7, 2007, Seattle,WA
- Vanteddu, G., Chinnam, R.B., Yang, K. “Supply chain focus dependent supplier selection problem” , DSI 2007 Annual Meeting ,Nov 17-20,Phoenix,AZ
- Vanteddu, G., Chinnam, R.B., Yang, K. “Supply chain focus dependent supplier selection problem”, First Graduate Research Symposium, Organized by the IME Department, Wayne State University, Detroit, April 21st 2006.
- Vanteddu, G., Chinnam, R.B., Yang, K. “Safety stock placement in a serial supply chain”, INFORMS Annual meeting, San Fransisco, Nov 12-16, 2005.
- Vanteddu, G., Chinnam, R.B., Yang, K. “A Complexity based approach for supply chain modeling and coordination”, INFORMS Annual meeting 2004, Denver
- Vanteddu, G., Chinnam, R.B., Yang, K. “A 'Performance Comparison Tool' for achieving compatibility among players in a supply chain”, INFORMS Annual meeting 2004, Denver
- Vanteddu, G., Chinnam, R.B., Yang, K. “A performance comparison tool for a supply chain”, Presented as part of the student paper competition at ASQ (American Society for Quality) annual conference in Toronto (May-2004) and received a plaque in recognition of that.

Conferences/Workshops /Expositions:

- Interacted with practitioners and academics in the area of supply chain management as part of CSCMP Roundtable luncheon and career fair in St Louis on Feb 18, 2016.
- Successfully obtained the APICS Certified Supply Chain professional (CSCP) re-certification for the period 2016-2021.
- Displayed the research publications and interacted with other SEMO faculty members at the Provost’s Faculty Research and Creativity Showcase event on April 20, 2016 held at the River Campus.
- Attended the lecture “Commercialized Cheating” delivered by Kris Baranovic and Kumar Kashyap of CSTL as part of BRAINS seminar series held on 09/07/16.
- Attended the lecture “Academic Honesty” delivered by Dr. Leisa Marshall as part of BRAINS seminar series held on 11/02/16
- Attended the campus-wide event, “Building a Campus Culture to Support Persistence and Graduation” by Dr. Vincent Tinto on 19th October, 2016.
- Displayed the research publications and interacted with other SEMO faculty members at the Provost’s Faculty Research and Creativity Showcase event on April 29, 2015 held at the River Campus.
- Collaborated with HD Supply Waterworks executives, St Louis for identifying the key aspects of industrial distribution from practitioner’s perspective for possible inclusion in the proposed undergraduate degree program as part of the HCB team on January 9, 2015.
- Attended and successfully completed the Quality Matters online course preparation Cohort 4 workshop organized by CSTL and OIT during Fall 14.
- Attended the BRAINS presentation “Microsoft Compliance” by Dr. Carolyn Rainey on September 3rd 2014.
- Successful completion of the “ Using Camtasia to Make Your Videos ADA Compliant” training program/workshop sponsored by CSTL, SEMO on 18th August, 2014
- Attended the AACSB sponsored Applied Assessment Seminar on June 18th and 19th 2014 at Tampa, FL.
- Attended 2013 FASTENAL industrial and construction customer Expo ((Apr 2nd – Apr 3rd) at Indianapolis, IN.

- Successful completion of the “ Let’s get started: Introduction to Moodle” training program/workshop sponsored by CSTL, SEMO on 27th November, 2012
- Successful completion of the “ Creating interactive flash lessons and learning modules using Raptivity” training program sponsored by CSTL, SEMO on 1st June , 2010
- Successful completion of the “ Power Point: A fresh approach to effective application and design” training program sponsored by CSTL, SEMO on 1st June , 2010

Other Publications

- “Quality- Recessions’ Antidote” appeared as an op/ed article in Southeast Missourian on 22nd March 2010.

Academic Journal Review

- Reviewer for International Journal of Production Economics/ International Journal of Production Research/European Journal of Operations Research/International Journal of Health Care Quality Assurance

Research/Scholarship Awards:

- Awarded the *2017 Middle Eastern Studies Faculty-Student Research Collaboration Grant* in the amount of \$1,945; Grant is supported through UISFL from the U.S. Department of Education
- Professional development funding in the amount of \$257.33 for research support (competitive) by the Harrison College of Business (2015-16).
- Professional development funding in the amount of \$560.00, Harrison College of Business, SEMO; 2014-15.
- Departmental recipient of one course release for research for Spring 2014 (competitive); Department of Accounting, SEMO.
- Professional development funding in the amount of \$1064.35, Harrison College of Business, SEMO; 2013-14.
- Professional development funding in the amount of \$506.90, Harrison College of Business, SEMO; 2012-13.
- Professional development funding in the amount of \$806.60, Harrison College of Business, SEMO; 2010-11.
- Department of I.E , Wayne State University sponsored visit to Informs Annual meeting 2007 (Nov 4-7) for research presentation, Seattle, WA
- Department of I.E , Wayne State University sponsored visit to DSI Annual meeting 2007 (Nov 17-20) for research presentation, Phoenix, AZ
- Graduate Travel award for attending the INFORMS Annual meeting at San Francisco 2005 for research presentation
- Graduate Travel award for attending the INFORMS conference at Denver 2004 for research presentation
- Graduate Travel award for attending the ASQ Annual conference at Toronto 2004 for research presentation
- GTA/ Part time faculty award by the IE department, WSU: Jan 2002 to Aug 2008
- Housing allowance awarded by the Grad School, Wayne State university from Fall 2003 to Winter 2006 & (Fall 2007 – Winter 2008)

Employment:

Teaching Experience (Since Jan 2002 to the present):

Professor (Quantitative Methods) (08/2018 to Present)

Associate Professor (Quantitative Methods) (08/2014 to 07/2018)

Assistant Professor (Quantitative Methods) (08/2009 to 07/2014)

Department of Marketing (Aug 2018 – Present)

Department of Accounting (Aug 2009 – July 2018)

**Harrison College of Business, Southeast Missouri State University
Cape Girardeau MO 63701**

Courses Taught:

QM 257: Business Statistics –I

QM 258: Business Statistics -II

QM 352: Management Science/Quantitative Analysis

QM 358: Production/ Operations Management

QM 558: Principles of Supply Chain Management

Visiting Assistant Professor (08/ 2008 to 05/2009)

Decision Sciences and MIS Department

Farmer School of Business, Miami University, Oxford OH

UG Courses:

Fall 2008

DSC 205: *Business Statistics* (3 Sections)

Spring 2009

DSC 291: Applied Regression Analysis in Business (with SAS) : (2 Sections)

DSC 205: *Business Statistics* (1 Section)

Industrial & Manufacturing Engineering Department

Wayne State University, Detroit MI:

Graduate Courses:

Instructor: IE 6210: *Applied Statistics for Engineers (4 Credits)* Winter 2007

Instructor: *Statistics refresher course* (I.E Department sponsored noncredit course) Fall 2004

Instructor: IE 6270: *Statistical Design of Experiments (4 Credits)*

Sep 17th – Sep 29th Fall 2004

UG Courses:

Instructor: IE 4310: *Production Control (3 Credits)* Winter 2008

Instructor: IE 4260: *Principles of Statistical Quality Control (3 Credits)* Fall 2006

BE 2100 (BE 3220 until Fall 2004): *Probability and Statistics for Engineers* (Winter 2002 – Summer 2008)

Teaching/Training awards:

- Awarded the Copper Dome Faculty Fellowship in the area of Teaching Effectiveness in the amount of \$4,000 for the period Fall 2017- Spring 2019
- Successfully obtained the *Quality Matters* certification for the following online courses taught at HCB:

- QM 257 and QM 258 (Spring 15); QM 558 (Fall 15); QM 352 (Fall 16)
- Obtained the Honors Faculty status in Spring 2016(Jane Stephens Honors Program-HCB)
- Officially inducted into Beta Gamma Sigma-the international honor society for business (May, 2015).
- Received the Engineering College student-faculty board (ESFB) ‘Outstanding Teaching Assistant Service’ award during the 2008 Honors Convocation by the College of Engineering, Wayne State University.
- Received the Engineering College student-faculty board (ESFB) ‘Outstanding Teaching Assistant Service’ award during the 2006 Honors Convocation by the College of Engineering, Wayne State University.
- Received the Engineering College student-faculty board (ESFB) ‘Outstanding Teaching Assistant Service’ award during the 2004 Honors Convocation by the College of Engineering, Wayne State University.
- Awarded a “Certificate of Teaching Development” by the WSU upon the successful completion of the 2002 GTA Orientation.

Service:

Southeast Missouri State University, Cape Girardeau, MO

Departmental Committees (Accounting Department)

- Member, Departmental Tenure and Promotion Advisory Committee (Acctg departmental committee: Fall 2015- Summer 2017)
- Chair, Quantitative Methods Curriculum Committee (Fall 2012- Fall 2013)
- Member, Quantitative Methods Curriculum Committee (Fall 2009- Fall 2012; Spring 2014 - current)
- Chair, Professional development Committee - Acctg Department (Spring 2017 – Summer 2018)
- Member, Professional development Committee - Acctg Department (2011-Fall 2016)
- Member, Student Honors Committee- Acctg Department (Fall 2009-Fall 2011)
- Served as the search committee chair for the Assistant Professor in Quantitative Methods position (Department of Accounting) Academic year 2013-14.
- Served as a member of the search committee for the Instructor of Computer Applications position (Department of accounting) and evaluated 15 applicants through formal application screening, classroom evaluation and by speaking to the references (Academic year 2012-13).

Harrison College of Business:

- Took lead in the establishment of APICS student chapter at HCB among prospective students with interests in supply chain management, operations management and logistics (2016-17).
- Member, Sabbatical Leave Review committee (HCB Committee : Fall 2016- Summer 2018)
- Member, AOL committee (HCB Committee; Spring 2014- Spring 2017)
- BRAINS organizer (Fall 2011 -Fall2013)
- Member, Human Subjects in Research Committee (Fall 2009-Fall 2016)
- Online Grad MBA student advisor (2009- current)
- Member, Ad hoc QM Curriculum Committee (Fall 2011- Fall 2012)

University Committees:

- Member, GRFC Committee (Fall 2017- Current)
- Member, University Commencement Committee (Fall 2009- Fall 15)

Miami University, Oxford, OH

- Member, DSC Area Coordination Committee, DSC & MIS Department, Farmer School of Business

Wayne State University, Detroit, MI

- In charge of the placement exam in Probability and Statistics for the incoming M.S students from Fall 2004 – Winter 2008, IME department, Wayne State University.

External Organizations

- Member , Armand V. Feigenbaum medal Committee , ASQ for the period 2007-current
