Kurpad S. Murthy
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Career Objective:

Dedicated to prepare and facilitate best practices through instructing Mathematics or Statistics, and in using equitable resources and supporting students in an engaging academic learning environment.

Experience:

University of Phoenix – School of Business 2004 – Present
Content Area Chair and Lead Faculty Member 2009 - 2015

- Educated students about the Statistical Analysis and Business Simulation using Microsoft Excel.
- Explained Business and Biomedical applications for each topic, as well as overall application of statistical methods in the information field.
- Demonstrated experience with statistical modeling and understanding of various modeling techniques such as regression & clustering.
- Explored flexibility to adapt to changing priorities to meet business needs, such as real-time models in classroom discussions.
- Utilized excellent organizational skills, including, analytical, planning, problem solving, and decision-making tactics.
- Organized class-based clinical research and statistical analysis regarding global public health issues.
- Participated in administrative duties including, peer evaluations, faculty mentorship, conducting content-area meetings, as well as engaged in curriculum leadership and prioritized academic policies.
- Attended scholarship activities in which a current research paper is presented to the University regarding current health related topics.
- Member of the Carnegie Math Faculty Advisory Board to delegate math academic curriculum for business and finance majors.

Roosevelt University Chicago– Heller College of Business
Adjunct Professor of Graduate Business

Department of Management and Economics 2012 – Present

- Instructed Business Statistics & Research Methods and Managerial Decision Making concepts.
- Demonstrated the Statistical Analysis and Simulation process using Microsoft Excel.
- Explored Data Mining and analytics requiring Business Modeling and Mega-Stat Tool analysis.
- Discussed various foundational concepts including, descriptive statistics, hypothesis testing, estimation, t-tests, chi-squared tests, analysis of variance, linear regression, correlation and nonparametric tests.
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- Facilitated discussion with students regarding Business and Biomedical applications, as well as overall application of statistical methods in the information field.
- Incorporated various equitable assessment methods, including application orientated business presentations.
- Influenced classroom discussions revolving real-world applications such as Twitter, Starbucks, Airlines, Coke, Pepsi, Brand Name companies and Investment Banking through qualitative and quantitative research.

Oakton Community College 2004-2005
Adjunct Summer Instructor

Department of Physics
- Facilitated undergraduate physics curriculum and instruction for Health Science and Allied programs.
- Guided students through lab instruction, theory analysis, and formal assessments using interactive evaluations.

DePaul University 2002-2003
Adjunct Professor of Physics and Mathematics
- Instructed undergraduate students in foundational physics, mathematics, and weather and climate concepts.
- Mentored student in finite mathematics using various strategy approaches in algebra, business, finance, and real-time applications.

Roosevelt University Chicago
Adjunct Professor of Undergraduate Mathematics

Department of Physics and Mathematics 1999 - 2012

- Fostered economics & probability and statistics for business students.
- Mentored in Math 116 Finite & Business mathematics for business and economic students.
- Conducted physics labs for students regarding foundational topics such as mechanics, electricity, magnetism, and wave optics.
- Collaborated with faculty members to coordinate best practices for teaching content material.

Clinical Research

Pennsylvania State University – Department of Veterinary Sciences October, 2010
Epidemiology Data Support Analyst

- Used statistical techniques and methods to support predictive analytics and forecasting as well as experience in analytical software for the *Journal of Dairy Science*.
- Utilized SAS and SPSS Statistical software to aid in predicting the use of antibiotics and biomedical practices in the Epidemiology of Mycoplasma on cattle farms.
- Researched alongside elite educators using statistical data analytics approaches, statistical modeling, and mega statistical analytical tools.
- Publication: *Department of Dairy Science and International Dairy Conference for Pennsylvania State University PA, December 2011.*

Education:

M.S. Electrical Engineering	Northern Illinois University	1989
M.S. Physics	Northern Illinois University	1984
M.S Engineering Physics	Bangalore University, India	1975
B.S Honors Physics	Bangalore University, India	1973

Honors:

- Developed academic curriculum for K-12 students at Non Profit Educational Trust in India in 2015.
- Volunteered at the CLT International Educational Non-Profit Group in India in 2010.
- Faculty of the Year Award at University of Phoenix in 2009.