

RAKESH K. PANGASA, Ph.D. Industrial Engineering
Emeritus Professor, Consultant, Systems Analyst, Commissioning Engineer
Research, Teaching, Training & Consulting: Business Management & Entrepreneurship
Plant Operations, Strategic Management, Information Systems, Engineering, Mathematics
Statistics, Grant Writer, Productivity Improvement, Economics, Capitalism & Objectivism
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Passion in Life:

Every problem deserves a better solution!
Passionate pursuit of perfection!

Education:

Ph.D. in Industrial Engineering; (Planning and organizing industrial research) Indian Institute of Technology, Delhi 1986
Bachelor of Science in Chemical Engineering Panjab University, 1971

Current Affiliations:

President, Productive Systems, Yuma AZ
Judge, Center for Science, Teaching & Learning, Rockville, NY
Emeritus Professor – Business, Northern Arizona University, AZ
Faculty - Information Technology and Security, Webster University, Missouri
Partner – Scale Computing, Indianapolis, IN
Consultant – Indo American Chamber of Commerce

Responsibilities Held:

Professor – Business Innovation at Northern Arizona University
Professor – MBA at Webster University, Yuma, Denver, Vienna, Shanghai
Professor – Mathematics, Engineering, Systems Engineering, Objectivism at Arizona Western College
Honors Faculty – Engineering, Mathematics, and Electrical Engineering at Arizona State University
Engineering Judge – Senior Engineering Design Projects at University of Arizona
Organizer - Startup Weekend events to promote entrepreneurship
Freelance Instructor – Economics, Moral Philosophy and Capitalism at The Freedom Library - Yuma
Judge – Center for Science, Teaching & Learning, Rockville, NY
President – Productive Systems

Teaching and Training Philosophy:

1. The reason “**Why**” any activity (assigned problem, project, course, program, etc.) is attempted **is an essential prerequisite** to understanding “**How**” that activity will be attempted. Critical thinking to understand the “**Why**” followed by generating ideas and adopting rational principles to pursue “**How**”, will help you develop an effective professional career.
2. Exploring **applications of the concepts** you come across and their **integration** with your existing knowledge and professional experience will help accelerate your professional development.

Research Interests:

Integrating Information Technology in Supply Chain Management
Causality and Rational Thinking
Entrepreneurship as the source of wealth-creation
Objective business ethics
Discovery and Application of Rational Principles