

## **Yogendra “Yogen” Panta, PhD, PE, PMP, CPEM**

### **Professor, Department of Mechanical Engineering**

West Virginia University Institute of Technology (WVU Tech) – WVU Beckley

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**Professional Interests** -Research in the areas of thermal fluid systems - computational fluid dynamics, aerodynamics, turbomachinery, energy, lab on chip, and biomimicry.  
-Engineering Education: Research in Effective Teaching Techniques and Active Learning, Innovation in Teaching and Learning Tools, Techniques and Methods.  
- Leadership and Management, student success and faculty development.

**Education** Certificate in Hyflex (Hybrid Flexible) Teaching, 2022, **WVU Teaching & Learning Commons**  
Certificate in *Effective College Instruction*, 2019, **American Council on Education (ACE) and the Association of College and University Educators (ACUE)**  
Short Course in *Leadership Skills for Engineering and Science Faculty*, 2019, **Massachusetts Institute of Technology**, Cambridge, MA  
Professional Certificate in *The Science of Happiness at Work*, 2019, **University of California, Berkeley**, CA  
**Ph.D.** in Mechanical Engineering, 2008, **University of Nevada**, Las Vegas, NV  
**M.S.** in Mechanical Engineering, 2004, **Youngstown State University**, OH

### **Professional Licensures**

**Registered Professional Engineer (P.E.) # 024829,**

West Virginia State Board of Registration for Professional Engineers. Valid through 31 December 2024

**Project Management Professional (P.M.P.) # 3389040,**

Project Management Institute (PMI). Valid through 19 December 2025

**Certified Professional in Engineering Management (CPEM) # 011023CPEM02074,**

The American Society for Engineering Management (ASEM) Valid through 10 January 2026

### **Awards/Honors (last 3 years)**

2022, 2019 **Professor of the Year**, Department of Mechanical Engineering Pi Tau Sigma, WVU Tech

2022 **Tau Beta Pi -Eminent Engineer**, Tau Beta Pi -Engineering Honor Society

2021 **WVU Outstanding Teacher Award**, West Virginia University Foundation, WVU

2020 **Fulbright U.S. Scholar**, Bureau of Educational and Cultural Affairs, U.S. Department of State

### **Publications related to mechanical engineering and engineering education**

Over seventy Publications including Patent, Book, Technical Reports Journals, Proceedings, Conference Abstracts and Presentations

### **Funding for research in mechanical engineering and engineering education areas**

Approx. \$2M Funding as a PI/Co-PI for engineering education and research from federal, state, industry and university

### **Service to the university, profession and community**

Actively engaged in numerous university committees, professional organizations review panels, federal grant review panels, ABET Accreditation, and community service activities