

# RESUME

**Chitaranjan (Jivan) Saran, PhD, PE, CPE, CHCM**  
Professor Emeritus - Engineer - Ergonomist

**Biography:** Dr Saran has over 130 professional presentations and publications in 45 years of international experience in 4 continents. The audience has included line workers, international managers, SHEEP (Safety, Health, Ergonomics and Environmental Protection) professionals, and scholars in many countries. He has a PhD in human engineering and post doctoral research in occupational biomechanics and safety. He is a professional engineer, certified professional ergonomist, and a certified hazard control manager.

**Mission:** Share my experience and expertise to improve SHEEP by Building Bridges, Breaking Barriers (BBBB) for cross cultural communication through international cooperation.

**Assignments Sought:** Speaking, consulting, training/teaching, research, design and development for **GREEN THINKING**

## Areas of Expertise:

- ❖ SHEEP- Engineering and Management
- ❖ Job Analysis and Measurement;
- ❖ BBBB- International and Cultural Diversity Issues in SHEEP
- ❖ Ergonomics
- ❖ Loss Control



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**Certifications/Registrations:** Professional Engineer (PE), Certified Professional Ergonomist (CPE), and a Certified Hazard Control Manager (CHCM).

**Skills:** Training, Cross Cultural Communication, Research, Design and Development

## Honors & Awards:

- ✚ Master of Technology (M Tech) Scholarship;
- ✚ Graduate Research Assistantship;
- ✚ Post Doctoral (Doc) Fellowship;
- ✚ Executive Director, Veterans of Safety;
- ✚ President, American (Am) Academy of Safety Education;
- ✚ Committee of 10 national experts to evaluate Occupational Safety and health Administration's (OSHA) proposed Ergonomics standard;
- ✚ Visiting scholar assignments;
- ✚ Excellent evaluations of training presentations

**Experience:**

Sept 2006-Present: Consultant, Professor Emeritus

1975–2006: Professor (Prof) of Safety, Central Missouri State University,  
Visiting Prof/scholar in Brazil, Sweden, India, North Carolina State University (NCSU);

Doctoral students guide, taught courses in SHEEP

1971-1975: Assistant (Asst) Prof and Post Doc fellow; Grad research & doctoral research guide

1967-1971: Asst Prof of Mathematics & Asst Agricultural Engineer, University of Puerto Rico;

1963-1967: Graduate Research, NCSU.

**Memberships:**

- Am Conference of Government Industrial Hygienist (ACGIH),
- Am Industrial Hygiene Association,
- Am Soc Agricultural & Biological Engineers,,
- Am Soc Safety Engineers,
- Human Factors & Ergonomics Society,
- Veterans of Safety

**Presentations/Publications:** Over 130 professional presentations and publications in 4 continents. Audience: line workers, international managers, SHEEP professionals, and scholars in many countries.

**2****Education:**

Post Doctoral- Occupational Biomechanics & Safety, NYU Institute of Rehabilitation Medicine;

Ph D: Human Engineering- Systems Approach, Biological & Agricultural Engineering; minor: Mathematics, NCSU;

M Tech: Farm Machinery & Power- design of man operated harvester; Indian Institute of Technology (IIT); and

B Tech (Hons): Agricultural Engineering- Soil and water conservation, IIT