

# Young Engineer Summer Day Camp Personnel

## FACULTY

## INFORMATION

### DR. SALIM AZZOUZ

YES CAMP DIRECTOR



**Education:**

PhD Engineering Mechanics, Old Dominion, Virginia  
MS/BS Mechanical Engineering, Swiss Federal Institute of Technology, Switzerland  
General Academic Study Degree in Physics & Chemistry, University Joseph Fourier, France

**Courses:**

Solid Modeling, Thermodynamics, Mechanics of Solids, Fluid Mechanics, Materials Science, M&I, Machine Elements Design, Heat Transfer, Computer Aided Engineering, Senior Design

**Research:** Computational structural mechanics, non-linear finite elements applied to aerospace structures, smart materials, and energy production systems

### DR. ZEKI ILHAN

YES CAMP ASSISTANT DIRECTOR



**Education:**

PhD Mechanical Engineering, Lehigh University  
BS Mechanical Engineering, Middle East Technical University

**Courses:** Intro to Engineering, Engineering Graphics, Statics, Engineering Economics, Control Systems, Mechanical Engineering Analysis

**Research:** Control of plasma profiles in nuclear fusion, reduced-order, control-oriented modeling, system identification, optimal, nonlinear and distributed-parameter system control.

### DR. PRANAYA POKHAREL

YES CAMP ASSISTANT DIRECTOR



**Education:**

PhD Mechanical Engineering, Louisiana State University  
MS Mechanical Engineering, McNeese State University  
BS Mechanical Engineering, Tribhuvan University, Nepal

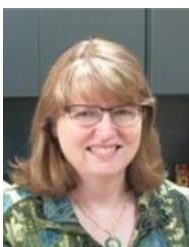
**Courses:**

Math Methods for Engineers, Statics, Dynamics, Material Science

**Research:** Computational Fluid Dynamics (CFD) applied to the analysis of Turbulent Flows using LES; large eddy simulations of vertical jets in crossflow

### DEIDRE FRAZIER

YES CAMP WEB COORDINATOR



**Education:**

MS Counseling with Career Counseling emphasis, California State University, Northridge  
BS Cultural Anthropology, University of California, Santa Barbara

**Position:**

Coordinator, Engineering Academic Counselor