

Research Assistantships Available in Designing and Developing Adaptive and Intelligent Algorithms for Engineering Applications



Graduate level – at least 1

Essential skills- Solid grasp in fundamentals of programming and linear algebra; good technical writing

Desired skills- Experience with working in MatLab, Simulink C++ and Java.

Courses in computer simulation and modeling and introduction to AI is a plus.

Availability – As early as spring 2008 and no later than fall 2008.

Research Topics

Designing and developing artificial intelligence techniques (Adaptive-Critic Algorithms, Neural Network algorithms, Fuzzy logic techniques) for system identification, modeling and control.

Research Area:

Main focus will be to develop and test these algorithms in simulation environments for the control of power systems and electric motor.

Interested and qualified students may send a detailed resume to Dr. Sukumar Kamalasan (skamalasan@uwf.edu)