M.S. & Ph.D. Fellowships in Dynamics & Control

Our research team has immediate openings for many graduate fellowships to participate in many exciting projects.

- Control of Unmanned Systems (1 Ph.D., 2 M.S.)
- Nonlinear Dynamics of Unmanned Boats (1 Ph.D.)
- Nonlinear Modeling of Actuators & Smart Valves (1 Ph.D., 1 M.S.)
- Prognostic algorithms for failure prediction in dynamic systems (1 M.S.)
- Magnetic bearing analysis and control (1 M.S.)

All these projects are externally funded. The candidates must have a strong interest and motivation to perform cutting edge research in these fields. Duties include research and preparation of papers and reports. The candidates should have excellent problem solving skills as well as good oral and written communication skills, and must be willing to work closely with Dr. Nataraj’s team of postdoctoral researchers and other students.

Villanova University

Founded in 1842, Villanova is an independent coeducational university focusing on academic excellence; it is located in the Philadelphia suburbs. The university has remained true to its traditional roots with a dedication to the full development of the mind, heart and spirit. Its undergraduate programs have been ranked in the top ten in the country for the past 16 years. The graduate students will work with CENDAC, an interdisciplinary center in the College of Engineering focusing on applying advanced nonlinear theoretical, numerical and experimental techniques to solve practical real-world problems. CENDAC’s current research expenditure exceeds $2.3M/year.

For more information, or to apply, please contact the following.

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