

UPCOMING CANDIDATE SEMINAR

Candidate for
Instructional Assistant Professor

SEPTEMBER 24

Frazier Rogers 122, 9:15 a.m.



**Piyush
Agade, Ph.D.**

POSTDOCTORAL ASSOCIATE
UNIVERSITY OF FLORIDA
AGRICULTURAL AND BIOLOGICAL
ENGINEERING

WEDNESDAY, SEPTEMBER 24

ROG 122

9:15-10:15AM

ZOOM LINK:

PASSCODE:

518227



[HTTPS://UFL.ZOOM.US/J/989
07203355?PWD=3DTFXYPGAS
6SNGXZ5BVRUB1H6VR8BH.1](https://ufl.zoom.us/j/98907203355?pwd=3DTFXYPGAS6SNGXZ5BVRUB1H6VR8BH.1)

“Learning by Doing: Cultivating Innovators through Hands-On and Experiential Learning”

About the Seminar

This seminar will present a vision for undergraduate education guided by the principle of “learning by doing.” The Instructional Assistant Professor candidate, Dr. Piyush Agade, will discuss a student-centered teaching framework designed to cultivate the next generation of innovators and managers by moving beyond traditional lectures and leveraging hands-on and experiential learning techniques.

The central topic of the talk will be the strategic use of the new W.W. Glenn Teaching Building as a hub for experiential learning. Dr. Agade will share his vision for utilizing this space to foster a “maker culture,” training students in essential skills in fabrication, electronics design, coding, and end-to-end system development. Dr. Agade will also present a few ideas for curriculum enhancement, including the revitalization of key courses and the development of new, industry-aligned micro-certification programs. In summary, this seminar will delineate a forward-looking plan for engaging students, enhancing the curriculum, and empowering graduates with the technical proficiency and societal responsibility needed to meet the goals of UF’s land-grant mission and those of the ABE department.

About Dr. Piyush Agade

Piyush Agade is a Postdoctoral Associate in the University of Florida’s Department of Agricultural and Biological Engineering. His academic background is a blend of Electronics and Telecommunications Engineering, Computer Science, and Hydrological Science, with extensive experience in software engineering, hardware fabrication, end-to-end system design, data analysis, and environmental monitoring. Piyush is passionate about student empowerment, inclusivity, and safety. He has served as a teaching assistant in ABE 3000C, delivered multiple guest lectures, mentored undergraduate researchers, and led large and successful student organizations. His experience, along with his lifelong “maker” philosophy, fuels his commitment to fostering a hands-on, innovative learning environment for future engineers and managers.