The Agro-Innovation and Technology Center is PVAMU’s College of Agriculture and Human Sciences new technology and innovation arm. The center serves the College in achieving its tripartite mission of Teaching, Research and Service in various Texas counties. AITC aims to integrate science and technology to enhance teaching, learning and evaluation competencies, and encourage out of the box thinking to co-create and share knowledge on an enterprise platform.

In addition to its core mission, AITC also assists in tracking and transferring research and extension projects, in-field trials, discoveries and innovations in an efficient way. AITC uses enterprise data integration and various smart technologies to engage limited resource clientele and other stakeholders of Texas. The center supports initiatives such as farm visibility, farm structure, and planning farm use, and to facilitate cooperation among research, extension, and academics.

Services and Initiatives

IT Services – Hardware and software training, support and procurement facilities based on the technological needs of the College.

Plan of Work – Information about NIFA Plan of Work tools; Research, Education and Economics Information System (REEIS) and Annual Reports.

Farm Integration – Online farm management system with services to request for plots, farm data entry forms and virtual farm tours.

Research Integration – Software support services (SAS, ArcGIS, JMP, SPSS, Sigma Plot), software tutorials for Research Scientists, poster templates, printing, live broadcasting of events, and Research Innovation Projects.

Extension Integration – Access to smart program planning tools; county clientele profile; video conferencing; and audio, video and technology support.

Academics Integration – Standardization of smart classrooms across the College to ensure faculty are provided the latest technology tools to conduct lectures and present information in a most effective manner.

Technology Transfer – Information about technology commercialization, and worldwide innovation initiatives and projects.

Application Development – Services related to data warehousing, mining, visualization, accountability systems and mobile applications.

Contact:
ASHWANI SRIVASTRAVA - DIRECTOR, AITC
Telephone: 936-261-5151
Email: cahsinfo@pvamu.edu

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