

# 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

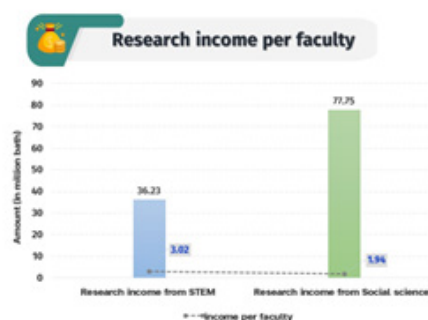


**Elevate the Quality of Basic Infrastructure and Transfer Innovation to Community, Society, and the Country**

The National Institute of Development Administration (NIDA) operates under the mission “support research, build upon innovation, and academic services for sustainable development of the Institute and the country”. This effort has been an ongoing collaboration among many entities including the School of Applied Statistics, the School of Environmental Development Administration, University Business Incubator, Business Innovation Center, Management of Analytics and Data Technologies Center, Center for Environment and Climate Change Research, Center for Entrepreneurship and Innovation, NIDA Design & Innovation Hub, and NIDA AI Innovation Hub. These units are responsible for research studies, academic collaboration, knowledge exchange, incubation, as well as the transfer of technology and innovation to communities, society, and the country. Moreover, the Institute has established the Center for Change Innovation which serves as a think tank for new ideas and developments. Using a creative thinking approach, the Center is run by the new generations in order to drive the Institute forward.

## Research Income

In fiscal year 2023 (as of August 2023), NIDA has generated an income of 36,226,950 baht from STEM research, 77,747,775.27 baht from liberal arts, humanities, and social sciences. This reflects NIDA’s abilities to create impact, prosperity, stability, and sustainable development that emphasizes technology and innovation.



NIDA Design & Innovation Hub and NIDA AI Innovation Hub are special learning centers for technology and innovation. They were inspired by the principle of design thinking at d.school, Stanford University which helps drive the organization forward through the changes in advanced technology such as AI, Big Data, Smart Retail, and robotics. The Centers serve as a practical learning vehicle available for all to learn and expose themselves to creative thinking which is a pathway to business innovations.

In addition, NIDA's students from the School of Business Administration have participated in the UIF on behalf of University Innovation Fellows with UIF Networks, Stanford d.school – an innovation center at Stanford University, USA.

## NIDA HUB



The GSAS Sm@rt Lab is a laboratory of the School of Applied Statistics which houses new technologies used for academic programs and training, including Artificial Intelligent, Machine Learning, Smart Logistics, Data Analytics. It is a workshop laboratory that can be used for short and long-term training sessions. There is also a student lounge for relaxation.

## GSAS Sm@rt Lab



Furthermore, NIDA has conducted research related to "Open Government" and "Open Innovation" by Assoc. Prof .Dr. Danivasin Charoen.

NIDA stresses the importance of SDG 9 and has enlisted its faculty to educate and disseminate knowledge and information in their respective fields. This is done through short clips posted on the Institute's website such as <https://nida.ac.th/innovation-and-infrastructure-for.../>

## Infrastructure

NIDA realizes the significance of elevating basic infrastructure to meet quality and efficiency goals for public utilization and consumption. In order to create sustainability, efficiency in using technology must be increased, while energy sources be more environmentally friendly. Furthermore, convenience and facilitation must be taken in consideration for the benefits of NIDA's students, personnel, and other visitors. This includes the building design that has natural ventilation and natural lighting, wastewater treatment, internet connection used on personal computers or PDA, personal NetID for individual identification, and 120 Wi-Fi service points across campus. The Institute has consistently operated and developed all aspects of technology in order to keep up with the rapidly changing landscape of the world of technology to accommodate its students, personnel, and the general public.

