



THE FEDERAL POLYTECHNIC, ILARO

P.M.B 50, ILARO, OGUN STATE, NIGERIA

OFFICE OF THE DIRECTOR, RESEARCH AND DEVELOPMENT CENTRE (RESDEC)

DIRECTOR:

Engr. Dr. Samson A. Odunlami

Ph.D., M.Sc., B. Eng., ND, Dip. (Th.), COREN Reg.
FCIPDM, FIPMD, MNSE, MNIMech.E, MNIPES,
MIAENG, MNIEM, AMNIM, ICDL, ECLA.

Raheem Oloyo Conference Centre; West Campus
The Federal Polytechnic Ilaro, Ogun State, Nigeria.

Email: resdec@federalpolyilaro.edu.ng
samson.odunlami@federalpolyilaro.edu.ng
odunlamisamson@gmail.com

Tel: +234 803 380 6672

19th September 2025

The Chief Executive Officer (CEO),
National Agency for Science and Engineering Infrastructure,
(NASENI), Abuja.

Dear Sir,

**Endorsement Letter for NASENI Research Commercialization Grants Program
(NRCGP) 2025.**

I am writing on behalf of The Federal Polytechnic, Ilaro, to formally endorse the research project titled “Enhancing Agribusiness with Smart Hydroponics: a Technological Approach to Tomato and Vegetable Farming”, being proposed by the Innovation Centre of The Federal Polytechnic, Ilaro, for consideration under the NASENI Research Commercialization Grants Program (NRCGP) 2025.

This endorsement is based on the project’s strong potential to revolutionize sustainable agriculture in Nigeria through the application of hydroponic technology. The proposed initiative aims to develop a cost-effective and scalable hydroponic farming system capable of producing tomatoes and other essential vegetables without soil, using nutrient-rich water solutions and controlled environments. This approach will boost food security, minimize land use, and ensure year-round vegetable production regardless of climate conditions.

The objectives of the project are to:

1. Design and construct an efficient hydroponic structure suitable for local agricultural conditions;
2. Demonstrate the commercial viability of hydroponic farming for tomatoes and other vegetables in both rural and urban settings;
3. Enhance youth employment and agripreneurship through modern, technology-driven farming methods; and
4. Support Nigeria’s drive for food security, sustainable agriculture, and environmental resilience.

This innovation aligns with the Renewed Hope Agenda of President Bola Ahmed Tinubu's administration, particularly in promoting food self-sufficiency, environmental sustainability, and youth-led innovation in agriculture.

The Federal Polytechnic, Ilaro, commends NASENI for its unwavering commitment to advancing indigenous research and the commercialization of impactful technologies. We are confident that the Hydroponic Farming Project will:

- Contribute to increased local vegetable production;
- Reduce dependency on imported produce; and
- Promote sustainable and climate-smart agriculture practices across Nigeria.

In light of these anticipated outcomes, I wholeheartedly endorse this grant application and reaffirm our institutional support for this innovative and timely initiative.

For further discussion on this endorsement, kindly reach out to the undersigned through the contact details provided on this letterhead.

Sincerely,



Dr. S. A. Odunlami