Scopus

Documents

Mehta, K.

Seeding the innovator pipeline, feeding the world
(2016) *Resource: Engineering and Technology for Sustainable World*, 23 (2), pp. 12-14.

Abstract
Humanitarian Engineering and Social Entrepreneurship (HESE) program at The Pennsylvania State University, engages students and faculty in the rigorous research, design, field-testing, and launch of technology-based social enterprises. HESE ventures range from low-cost greenhouses and solar food dryers to telemedicine systems and low-cost biomedical devices HESE ventures encompass two overlapping sectors: food value chains (FVCs) and global health. A flagship HESE venture related to FVCs involves affordable greenhouses (AGs). There are five critical aspects of HESE's educational and entrepreneurial ecosystem that distinguish it from other community-engaged programs. These include highly mult-disciplinary student and faculty teams, emphasis on sustainable and scalable solutions, a market-centric implementation approach, integration of scholarly research and publication, and focus on integration.

Index Keywords
Greenhouses; Biomedical devices, Humanitarian engineering, Implementation approach, Pennsylvania State University, Rigorous research, Scholarly research, Social entrepreneurship, Telemedicine systems; Software testing

2-s2.0-84960381428
Document Type: Article
Publication Stage: Final
Source: Scopus

ELSEVIER

Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

RELX Group™