



Dr. R. ISAAC MANUEL

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Academic Background

Degree	Specilization	University	Year
Ph.D (Ag)	Agronomy	Annamalai University	2005
M.Sc (Ag)	Agronomy	Annamalai University	2000
B.Sc (Ag)	Agriculture	Annamalai University	1998

Certifications:

- Qualified in National Eligibility Test conducted by Agricultural Scientist Recruitment Board, Indian Council of Agricultural Research.
- Post Graduate Diploma in Marketing Management.

Academic Distinctions:

- Recipient of Fellowship from MS-ZENICA Agro Chemicals Ltd., for the project entitled "Evaluation of Acetochlor Herbicide for Weed Control in Transplanted Rice Cropping System". 1998 - 2000.
- Recipient of Vallalar Merit Fellowship.2001 - 02
- Recipient of University Research Studentship.2002 - 03
- Recipient of Academic Competition Awards of Annamalai University. 2004.

Professional Training

- "Research into Use", African Center for Technological Studies (ACTS), Sep 2007, Nairobi, Kenya.
- Financial Management, Anna Institute of Management, Chennai. March 2010
- Index Based Weather Insurance - Concepts, Design and Implementation, Administrative Staff College of India, Hyderabad. July 2011.

Courses Taught

- Precision Agriculture
- Agriculture Informatics
- Agronomy of Field Crops
- Protected Cultivation
- Weed Management
- Intellectual Property Rights

Research Interests

- Weed Management
- Organic Agriculture
- Precision Agriculture.

Professional Experience

- Teaching: 1.2 Years
- Research / Industry: 17.8 Years
- Extension: 3.4 Years.

Memberships in Professional Bodies

- Indian Society of Weed Science (Life Member)
- Indian Society of Agronomy (Life Member)
- Association of Agrometeorologists (Life Member)

Books Authored

- Manual of Weeds (Published by Sowmi Publication, Chidambaram, India - 2004)
- Companion for Organic Agriculture (National Centre of Organic Farming - 2005)
- Technical Guide for Organic Farming in Tamil (National Centre of Organic Farming - 2005)
- Practical Hand Manual on Village Level Mini Agricultural Meteorology Observatory and Processing Data for Farm Decision Making (MSSRF, Chennai - 2009)
- "Enhancing the Adaptive Capacity to Climate Risks: An Experiment in the Semi Arid Regions of India" a chapter in the book titled "Climate Change - The Human Aspects" Edited by Krishan Saigal.(Kalpaz Publications, New Delhi - 2010).

Publications

- 9 Research Papers in National Seminars
- 3 Research Papers in International Journals
- 4 Research Papers in National Journals
- 9 Scientific Articles in National/Regional News Paper (Popular Articles)

Consultancy Activities

- Project Title: Policy Innovation System for Clean Energy Security. (2008 to 2009), Implemented By: MS Swaminathan Research Foundation, Funded By: Department for International Development - DFID, UK.
- Project Title: An Integrated Case Study to assess the vulnerability of selected East Coast stretch of Tamil Nadu to climate change and develop adaptation framework with a focus on coastal ecosystems, food security and livelihood issues. (2008 to 2009), Implemented By: MS Swaminathan Research Foundation, Funded By: Ministry of Environment and Forestry, India.

Grants Fetched / Project Affiliation

- Project Title: Small holder farmer's access to weather insurance: demand and impact on consumption and production decisions. (2010 to 2015), Funding Agency: International Initiative for Impact Evaluation - 3ie, Budget: USD 5,83,860
- Project Title: Mid-Term Evaluation of Pilot Project on Augmenting Productivity of Lead Crops / Activities through Adoption of Sustainable Agricultural Practices. (2014 to 2016), Funding Agency: NABARD, Budget: INR 4 Lakhs
- Project Title: Vulnerability Assessment and Enhancing the Adaptive Capacity to Climate Change in Semi-Arid Regions of India. (2007 to 2009), Funding Agency: Swiss Agency for Development and Cooperation -SDC, India, Budget: USD 2 Lakhs (approx)
- Project Title: National Project on Organic Farming, (This project involved preparing training modules on organic agriculture and conducting a chain of training programmes on: i. Organic Input Production and Quality control, ii. Training of extension functionaries on organic farming iii. Training of farmers on organic farming). (2005 to 2006), Funding Agency: National Centre of Organic Farming, Ministry of Agriculture and Cooperation, India. Budget: INR 5 Lakhs.