

MANDATE

- Strategies for efficient management of on-farm water resources for sustainable agricultural productivity.
- Coordinate research for generating location-specific technologies for efficient use of water resources.
- Centre for training in agricultural water management.

MISSION

Basic, applied and strategic research to address water management issues with institutional linkages, infrastructural support and capacity building for achieving sustainable growth.

VISION

Sustainable development of water management technologies for enhanced water and agricultural productivities and improved livelihoods.

SIGNIFICANT ACHIEVEMENTS OF THE INSTITUTE

- Micro Level Water Resource Development through Tank cum Well System
- Farm Pond Based Agricultural Diversification Model for Rainfed Areas
- Crop Diversification in Drought Prone Areas
- Residual Soil Moisture Utilization in Rainfed Rice Ecology of Coastal Orissa
- Design and Development of Rubber Dam for Watershed
- Raised and Sunken Bed technology for higher productivity
- Improved Planting Techniques for Saving of Irrigation Water in Post-rainy season Crops
- Sub Surface Water Harvesting Structure (SSWHS)
- Pond Based Farming System for Coastal Waterlogged Areas
- Integration of Water Chestnut Cultivation and Aquaculture Technology

NEW INITIATIVES

Research on 'Wastewater' for exploring possibility of its reuse in agricultural perspective.

FIVE BEST TECHNOLOGIES/PRODUCTS

- Design and Development of Rubber Dam for watershed
- Integration of Aquaculture with System of Rice Intensification (SRI)
- Micro Level Water Resource Development through Tank cum Well System
- Farm Pond based Agricultural Diversification model for rainfed, irrigated and coastal waterlogged areas
- Drip fertigation technique for higher water and nutrient use efficiency

COLLABORATIVE PARTNERS

The Institute maintains linkages with national organizations like ISRO, NCAP, CRIDA, ICRISAT, IIT, Kharagpur, NIOH, Ahmedabad; TIFAC, New Delhi; IRMARA, Mumbai etc. and international organizations like Wageningen University & Research Centre, The Netherlands; Institute of Soil Science and Land Evaluation, Universitaet Hohenheim, Stuttgart, Germany; University of Forestry, Sofia, Bulgaria; ICRISAT, University of Melbourne; IWMI; University of Nebraska, USA; Michigan State University, USA etc.

FLAGSHIP PROGRAMMES

- Improving water productivity in irrigated agriculture
- Multiple use of water to enhance water productivity
- Prospects of using waste water for agriculture in conjunction with freshwater

THRUST AREAS FOR XII PLAN

- Improving overall efficiency of irrigation system and productivity of irrigated agriculture
- Conjunctive use of surface and groundwater, supported by groundwater recharge for enhanced water use efficiency
- Micro-level water resources development for enhanced productivity
- Enhancing water productivity under waterlogged situations

- Study of impact of climate change on irrigated agriculture
- Wastewater management to assess prospects of its environmental friendly use in agriculture
- Promotion of on-farm demonstration and technology dissemination

EXTERNALLY FUNDED PROJECTS/CONSULTANCY

Foreign aided projects: **02**
Other sponsored projects- **06**

STAFF STRENGTH(as on 08.04.2015)

	Sanctioned	Filled	Vacant	% vacant
Scientific	36	27	09	25.0%
Technical	17	12	05	29.41%
Administrative	16	10	06	37.50%
Supporting	11	06	05	45.45%
Total	80	55	25	

QRT

Period: 2007 to 2012
Chairman: Dr. G.B. Singh, Ex-DDG(NRM)
Next QRT due for: 01.04.2012 to 31.03.2017

RAC

Period: 28.12.2015 to 27.12.2018
Chairman: Dr. T.K. Sarkar, Ex-Director, WTC, IARI
Next RAC due for: 2019

IMC

Period: 21.06.2013 to 20.06.2016
Chairman: Dr. S.K. Ambast, Director, ICAR-IIWM
Next IMC due for: 2016

RFD & COMPOSITE SCORE FOR 4 YEARS

Year	2011-12	2012-13	2013-14	2014-15
Score	100%	93.8%	100%	99.40%

STATUS OF ISO 9001

Certified/Not certified, if yes, from where (Name of agency)
Yes, ISO 9001: 2008 certified. From M/s. TUV India Pvt. Ltd., Mumbai w.e.f. 11.12.2013. Regn. No.QM 0500288.

PUBLICATIONS (previous year)

No. of papers in NAAS rated journals:
(a)No. of papers in score < 6: 28
(b)No. of papers in scores > 6: 31
Total: 59
Per scientist per year papers: **2.45**

FINANCIAL OUTLAY

For Main Institute (Rs. in lakh)

	XI Plan actual utilization	XII Plan sanctioned	Last year budget (2015-16)		
			RE	Actual Expenditure	% Utilization
Plan	807.33	1150.00	185.00	184.87	99.93 %
Non Plan	1883.93	3483.00	612.50	612.13	99.94 %
Total	2691.26	4633.00	797.50	797.00	99.93 %

For AICRP (Rs. in lakh)

	XI Plan actual utilization	XII Plan proposed	Last year budget (2015-16)		
			RE	Actual Expenditure	% Utilization
Plan	5772.25	10950.00	2265.00	2265.00	100 %
Non Plan	151.53	228.80	51.00	50.95	99.90 %
Total	5772.25	11178.80	2316.00	2315.95	99.99 %

For Institute + AICRP (Rs. in lakh)

	XI Plan actual utilization	XII Plan sanctioned	Last year budget		
			RE	Actual Expenditure	% Utilization
Plan	6579.58	12100.00	2450.00	2449.87	99.99 %
Non Plan	2035.46	3711.50	663.50	663.08	99.94 %
Total	8615.04	15811.50	3113.50	3112.95	99.98 %

For AGRI-CRP on WATER (Rs. in lakh)

	XI I Plan sanctioned	Fund released in 2014-15	Actual expenditure in 2014-15
Plan	--	13500.00	560.00
Non Plan	--	--	--
Total	--	13500.00	560.00

RESOURCE GENERATION FOR LAST 3 YEARS (Rs. in lakhs)

2013-14	2014-15	2015-16
24.31	22.62	23.71

Director: Dr. S K Ambast

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