

## SCIENTIST PROFILE



1. Name and Designation : Dr. Parshuram Samal  
Principal Scientist
2. Date of Birth : 20<sup>th</sup> April, 1956
3. Date of joining ICAR : 24<sup>th</sup> January, 1985
4. Date of joining the present post : 21<sup>st</sup> August, 2006
5. Qualification (highest degree) : Ph.D
6. Post Doctoral Research Experience/Training: Nil
7. Area of Specialization/research interest:
  - Agricultural Economics (Impact Assessment, Risk analysis, Socioeconomic constraints, and international trade on rice)
8. Significant Contribution including products and patents (Five bullets):
  - I carried out impact assessment of 4 externally aided projects for various rice and rice based technologies.
  - I assessed the spread of CRRI varieties in 11 states of India.
  - I carried out the analysis of trends in input use in rice and the Total Factor Productivity growth in different states of India
  - The impact of WTO on rice exports from India in comparison to pre-WTO period to different regions of the world for various grades of rice was analysed.
  - I studied the socioeconomic constraints to increase in rice production in coastal Odisha.
9. Awards/Honours: NIL
10. Publications (10 best):
  - i. **Samal P**, Singh ON and Ghosh A (2012). Assessment of production potential of water saving technologies on rice (*Oryza sativa*) in India. **Indian Journal of Agricultural Sciences** 82(12): 1027-1231.
  - ii. Pandit A, **Samal P** and Mishra JR (2012). An analysis of price behavior of rice in eastern Indian markets. **Indian Journal of Agricultural Marketing** 26(2): 102-114.
  - iii. **Samal P**, Pandey S (2011). Labour migration and livelihood analysis in rainfed rice based farming systems of coastal Odisha. **Oryza** 48(2): 175-180.
  - iv. **Samal P**, Pandey S, Kumar GAK and Barah BC (2011). Rice ecosystems and factors affecting varietal adoption in rainfed coastal Orissa: A Multivariate Probit Analysis. **Agricultural Economics Research Review** 24(1): 161-167.
  - v. **Samal P**, Paris T and Rao KS (2009). Impact of modern rice varieties in submergence prone lowlands: A case study. **Oryza** 46 (1): 61-66.
  - vi. **Samal P**, Barah BC and Pandey S (2006). An Analysis of Rural Livelihood Systems in Rainfed ice-based Systems of Coastal Orissa. **Agricultural Economics Research Review** 19(2): 281-292.
  - vii. **Samal P** and Behera DK (2004). Impact of WTO on Rice Exports from India and tasks ahead. **Indian Journal of Agricultural Marketing** 18(2): 59-65.
  - viii. **Samal P** (2003). Poverty alleviation through technological improvement: The case of rainfed rice farming in Orissa. **Oryza** 40: 36-39.
  - ix. **Samal P** and Kumar P (2002). What Drives Rice production in Orissa: Technology or Price? **Agricultural Economics Research Review** 15(1): 1-12.
  - x. **Samal P** (1996). Production Potentials and Economics of Niger (*Guizotia Abyssinica*), **Indian Journal of Agricultural Sciences** 66(3): 180-182.