

SCIENTIST PROFILE



1. Name & Designation : Sasank Sekhar Chyau Patnaik,
Scientist (Selection Grade)
2. Date of Birth : 16th September, 1957
3. Date of joining ICAR : 21st March, 1986
4. Date of joining the present post : 27th July, 1999
5. Qualification (highest degree) : M.Sc. (Genetics and Cytogenetics)
6. Post Doctoral Research Experience/Training: Nil
7. Area of Specialization/research interest:
 - Conservation and Management of Plant Genetic Resources, Breeder seed production, Shallow lowland rice breeding, Hybrid Rice
8. Significant Contribution including products and patents (Five bullets):
 - Released one favourable upland and irrigated medium rice variety Naveen, one semideep water variety CR Dhan 501, three upland rice varieties Vandana, VL Dhan 221, VL Dhan 163.
 - Associated with release of one rice Hybrid CR Dhan 701 suitable for shallow lowland.
 - Associated in the release of one semideep water rice variety Varshadhan and one shallow lowland and submergence tolerant variety Swarna Sub 1
 - Associated with registration of one submergence tolerant genotype Kalaputia
 - Collected more than 500 rice germplasm from the states of Orissa, UP and West Bengal and associated with Breeder seed and Nucleus seed production programme of CRRI varieties
9. Awards/Honours: Nil
10. Publications (10 best):
 - i. Reddy JN, Sarkar RK, **Patnaik SSC**, Singh DP, Singh US, Ismail AM and Mackill DJ (2009). Improvement of rice germplasm for rainfed lowlands of eastern India. **SABRAO Journal of Breeding and Genetics** 1: 41.
 - ii. Sarkar RK, Panda D, Reddy JN, **Patnaik SSC**, Mackill DJ and Ismail AM (2009). Performance of submergence tolerant rice (*Oryza sativa*) genotypes carrying the Sub1 quantitative trait locus under stressed and non-stressed natural field conditions. **Indian Journal of Agricultural Sciences** 79(11): 876-883.