

Biodata of the Scientist

Division/Section: Crop Improvement

A. Personal information

1. Name (With Title): Dr. Kalidas Pati

1.a. Qualification: Ph.D, ARS

2. Designation: Scientist

3. Address (Personal): HIG-8, Phase-II, Khandagiri Vihar, Khandagiri, Bhubaneswar, Odisha
(Permanent): Vill- Pati Janara, PO: Gosai Janara, Dt: Bankura, West Bengal,
722121.

4. Phone Numbers:

(a)Residence _____ (b)Intercom _____ (c)Mobile +917377914855

5. Email: Kalidas9555@gmail.com

6. Countries visited: Nil

B. Professional information

1. Area of specialization: Vegetable Breeding

2. Area of interest: Plant Breeding, Tissue culture, Molecular Breeding and cytology

3. Number of institute projects completed (Add list): _____

4. Number of Institute projects being handled (Add list):

As PI

i) Genetic improvement of yam bean (*Pachyrhizus erosus*)

ii) Standardization of aeroponics for *Amorphophallus* and taro multiplication

As Co- PI

i) Collection, conservation, characterization and evaluation of germplasm of tropical root and tuber crops

ii) Breeding for early maturity, weevil resistance, high starch, carotene rich orange flesh and anthocyanin rich purple flesh sweet potato for food-nutrition and processing.

iii) Genetic improvement of yams and edible aroids

5. Number of externally funded projects completed(Add list):

6. Number of externally funded projects being handled(Add list):

As Co- PI

i) Development of standards of DUS testing for varietal gene bank in Elephant Foot Yam and Taro.

7. Number of students guided for a) Ph.D _____ b) M.Phil _____ c) M.Sc _____

8. Number of students being guided for a) Ph.D _____ b) M.Phil _____ c) M.Sc _____

8.a. information about the students under your guidance

Name of the student	Course undergoing (Ph.D/M.Phil/M.Sc)	Title of the project/Thesis	E-mail address

9. Information on guide ship

Guide ship for Ph.D/ M.Phil/ M.Sc	University	Subject

10. Number of Research papers(Add list): _____

11. Number of Books/Book chapters(Add list): _____

12. Number of Technical Bulletins(Add list): _____

13. Consultancies offered(Add list and give a brief description):

14. Technologies developed(Add list and give a brief description):

15. Patents/Copyrights obtained (Add list and give a brief description):

16. Any other information:

Honors / Awards

2006

Secured **1st rank** in national level entrance examination and awarded “**Junior Research Fellowship (JRF)**” from Indian Council Agricultural Research, New Delhi to pursue MSc. In Horticulture.

Training

Had foundation training at NAARM, Hyderabad during

September to December 2011

Specialized Training

Had training in genetic diversity analysis through Molecular Markers from NBPGR, New Delhi during Feb-May 2012.

Conference / Symposia

- Participated in Global conference on Aroids: Opportunities and Challenges from 23-25th January 2012 at Regional Centre of Central Tuber Crops Research Institute, Bhubaneswar, Odisha.
- Participated in Global Conference on Horticulture for Food, Nutrition and Livelihood Option from 28-31 May 2012 at Orissa University of Agriculture and Technology, Bhubaneswar, Odisha.
- Participated in XI Agricultural Science Congress from 7-9 February 2013 at Orissa University of Agriculture and Technology, Bhubaneswar, Odisha.
- Presented poster on DUS testing in Elephant Foot Yam and Taro under International Conference on Tropical root and Tubers for sustainable livelihood under changing agro climate on 9-12 July Trivandrum, Kerala.

