



UNIVERSITY OF CALCUTTA

DEPARTMENTAL ACADEMIC PROFILE

FACULTY PROFILE

1. **Full name of the faculty member:** DR. SANTA DATTA (DE)
2. **Designation:** Professor, Department of Home Science, C.U,
Dean, Faculty Council for the post graduate studies in
Fine Arts and Home science, C.U.
3. **Specialization:** Nutrition
4. **Passport size of photograph:**



5. **Contact information:** Biswarup Housing Society, Flat No.6J,
Dwarkanath Ghosh Lane, Kolkata-700027.
Phone No.: 9433766158 (M)/ 9830366158
Mail I.D.: drsantade@yahoo.co.in

6. Academic Qualifications:

| College/University from which the degree was obtained | Abbreviation of the degree |
|---|----------------------------|
| Calcutta University | B.Sc |
| Calcutta University | M.Sc |
| Calcutta University | Ph.D |

7. **Position held/holding:** Professor, Dept. of Home Science,
and University of Calcutta. Dean, Faculty Council for the
post graduate studies in Fine Arts, Music and Home
science, Calcutta University.

8. Research interests:

- New food formulation from less familiar & unconventional food stuffs
- Medicinal Plants & Herbs.
- Nutrition

9. Research guidance:

Number of researchers awarded M.Phil./Ph.D. degrees : Ph.D -5, M.Phil.-1

Number of researchers submitted Ph.D. Thesis : 1

Number of researchers enrolled in Ph.D. :6

10. Projects:

Completed projects:

Studies for evaluation of Pulmonary function, dietary intake & nutritional status & stress in the garment manufacturing workers of Gardenrich, Metiabruze region of Kolkata. – Ref. No.F.: No.- 41/138/2012 (SR) dated 11.07.2012

Current Projects: NA

11. Select list of Publications:

a) *Journals:*

[2016]

- Sagarika Chakraborty and Santa Datta (De)(2016)Estimation of Macro-Nutrients in Domestically Processed Cauliflower Leaf Powder,International Journal of Science and Research (February 2016),Volume 5 Issue 2, pp 2094-2096.

[2015]

- Soma Chakrabarty, Santa Datta (De) Studies on the Physiological & Nutritional Effects of Newly Developed Low Cost Supplementary Formula Containing Less Familiar Food Stuffs on Experimental Animals, IOSR-JPBS, Volume 10, Issue 3, PP 13-17.
- Imana Pal,Kazi Layla Khaled,Santa Datta(de) (2015),Quantitative Estimation of Some Important Minerals in Amrul Leaves (Leaves of Oxalis corniculata Linn.): An Underutilized Plant, International Journal of Current Research, Vol. 7, Issue, 06, pp. 16765-16767.
- Sagarika Chakraborty,Arpita Mandal,Kinka Mondal,Santa Datta (De),(2015)Preparation of calcium-dense cauliflower leaf powder by different methods and selection of the most suitable method. International Journal of Current Research. Vol 7, Issue 9, pp. 20462-20468.
- Reetapa Biswas,Dr.Alok Chattopadhyay,Prof.Santa Datta (De)(2015),Effect of Watermelon (Citrullus Vulgaris) Seed Kernels on Serum Lipid Profile and Body Weight of Male Albino Rats, IOSR-JESTFT, Vol. 9, Issue 10 Ver. II,

PP 13-16:

- Banerjee S.,Datta S.(2015).Effect of dry heat treated jackfruit seed powder on growth of experimental animals. IOSR Journal of Pharmacy and Biological Science,10(6):42-46.
- Sohini Roy,Santa Datta(De)(2015),"Studies On The Acceptability Of Some New Food Products Prepared From The Seeds Of Cucurbita maxima", IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402,p- ISSN: 2319-2399.Volume 9, Issue 5 Ver. II, PP 01-04.
- Sohini Roy,Santa Datta(De)(2015),"A comprehensive review of the versatile as a valuable natural medicine" ISSN: 0975-833X, International Journal of Current Research Vol. 7, Issue, 08, pp.19355-19361.

[2014]

- Sanchita Sarkar, Santa Datta (De), Ira Ghosh,(2014) experimental studies on nutritional and medicinal role of garden cress seed on animal and human being- a review,IJMCA,vol-4,Issue-1,page 41-45.
- Imana Pal, Avinanda Majumder, Kazi Layla Khaled,Santa Dutta(De)(2014):Quantitative Estimation of Some Essential Minerals in the Fruits of Neolamarckia cadamba, IOSR Journal of Pharmacy and Biological Sciences, Volume 9, Issue 6 ver.I,pp.20-22. ISSN :2319-7676.

[2010]

Paulomi Das,Pinaki Chatterjee, Parimal Debnath,Pratima Chatterjee, Santa Datta (De), (2010),Air Pollution and Its Impact on Physical Fitness Level in Relation to Nutritional Status, Asian Journal of Water, Environment and Pollution, 7 (2), 77-82, 2010.

[2009]

- Sohini Roy,Sreya Sen,Santa Datta(De),(2009)Quantitative Estimation of Some Essential Minerals in the Seeds of *Cucurbita maxima*, Sci. 85 Cult. 75 (09-10), 348-350.

[2001]

- Arpita Basu, J.K.De,Santa Datta (De). (2001). Studies on the lipid profile and atherogenic factors in adult males. The Ind. J. Nutr. Dietet. Hauppauge, NY: Nova Science,38: 441-454.

b) Books/Book Chapter:

'Diet of Lactating Mother' In the book Jeevan Bandhu, Rajkanna Prakashan, 4th Edition, 2004 Edited by Dr. Chandramadhab Ghosh.

C) Conference/seminar volumes:

FULL PAPERS PUBLISHED IN THE PROCEEDINGS:

- Quantitative analysis of some nutrients of *Oxalis corniculata* (amrul). National Conference on "Future of Food Biotechnology in India" held at National Institute of Technology Durgapur, India, January 8-9, 2009.
- Quantitative estimation of some macro & micro nutrients present in *Centella asiatica* (Thankuni) collected from local market of Kolkata, West Bengal. India. National Conference on "Future of Food Biotechnology in India" held at National Institute of Technology Durgapur, India, January 8-9, 2009.
- Review on the role of antioxidants in the retardation of ageing process and incidence of certain age related disorders. National Conference on Geriatrics & Gerontological Studies in India, February 15-16, 2010.
- A Review on nutritional and other beneficial effects on human health of five green leafy vegetables. Indian Science Cruiser. Vol. 27 No. 4, 37-42, 2013
- *Oxalis corniculata* Linn.: The Miraculous Plant, UGC sponsored National Seminar Under the Theme Therapeutic Ways To Wellness: Relevance of Nutrition, Psychology, Art & Music, Dept. of Home Science, University of Calcutta, India, 21-22 Feb, 2014.
- Quantitative estimation of some essential minerals in the fruit of *Neolamarckia cadamba*. International Conference on 3S-Safety, Security and Sustainability: Innovations in Food and Bioprocess Industry held at Dept. of Food Technology and Biochemical Engineering, Jadavpur University, Kolkata, India, 27 Feb-1 Mar, 2015.
- Review on Some Anti diabetic Plants of West Bengal, UGC sponsored National Seminar Under the Theme "Nutritional Deprivation in the Midst of Plenty"-An Attempt to Create Awareness", Dept. of Food and Nutrition, Raidighi College, Calcutta University, India, 22-23 Sep, 2015

d) Other publication:

- **‘Review on Some Antidiabetic Plant of West Bengal’**, Imana Pal, Kazi Layla Khaled, Santa Datta (De), pp.39-43, 22nd -23rd September, 2015
In UGC Sponsored Two Days Seminar on “Nutritional Deprivation in the Midst of Plenty”-An Attempt to Create Awareness, **ISBN 978-93-8310-27-1**
Organized by Dept. of Food & Nutrition, Raidighi College, in collaboration with Dept. of Botany, Raidighi College, Dept. of Microbiology, Sarsuna College.

12. Membership of Learned Societies:

- IDA (Indian Dietetic Association)
- NSI (Nutrition Society of India)
- ISCA (Indian Science Congress Association)
- ISEC (Indian Science Education & Culture)

13. Patents :NA

14 . Invited lectures delivered:

| Sl. No. | Name of the Seminars, conferences symposiums, workshops etc. | Name of the sponsoring Agency | Venue | Date |
|---------|---|--|---|----------------------------|
| 1 | Seminar on promotion of breast feeding | BRWS Calcutta | Viharilal College | 1991 |
| 2 | Seminar on Population explosion and control | Nestle India Ltd. | Calcutta Corporation Main Building | 1994 |
| 3 | Seminar on 'Breast feeding promotion'. | Food & Nutrition Board, Govt. of India | Office of the Food & Nutrition Board, Kolkata | 2000 |
| 4 | Seminar on "Women Empowerment" | West Bengal Minorities Development & Finance Corporation | Milan Mela at Kolkata Maidan | 24 th Jan. 2004 |
| 5 | Concept and prospect of Nutrition: A subject of modern science and Diabetes Mellitus and its Dietary Management | Department of Mahishadal Girls' College | Mahishadal Girls' College | 7 th Jan, 2006 |

| | | | | |
|----|--|---|--|---|
| 6 | Regional Consultation Meet on Nutrition | Ministry of Human Resource Development, Department of Women & Child Development, Govt. of India | State Banquet Hall, Bhubaneswar, Orissa. | 12 th to 19 th July, 2009 |
| 7 | Role of NGOs in the Management of Nutritional status of Street children of Kolkata City. | Controller of Vagrancy, Govt. of West Bengal | Conference Hall Udayachal Guest House, Salt Lake | 21st Nov. 2009 |
| 8 | National Conference on future of Food Biotechnology in India | UGC & National Institute of Technology, UGC | N.I.T Durgapur, India | 8 th to 9 th January 2009 |
| 9 | Work shop on traditional use of rice: "Rice is our life - Rice is our livelihood" | Society for Equitable Voluntary Action (SEVA) | Kolkata | 2010 |
| 10 | Seminar on Kidney Diseases | Department of Clinical Nutrition and Dietetics K.B. Women's College, Hazaribag. | K.B. Women's College, Hazaribag. 825301 | 27 th Feb. 2010 |
| 11 | Popular Talk on Nutrition & Related Health Problems | NSS unit of Bethune College, Kolkata | Bethune College | 29 th March, 2016 |

15. Awards:

| Name of the Exam | Rank | Awards and Medals |
|------------------|--------------------------|--|
| Higher secondary | Stood 2nd in H.SC | <ul style="list-style-type: none"> Obtained National Merit Certificate. |
| B.Sc. (Hons.) | Stood 1st in order merit | <ul style="list-style-type: none"> Obtained National Scholarship Jubilee post Graduate Merit prize |

- Sm. Jyotiprava Das Gupta Memorial Medals-two-one for obtaining highest marks as a lady candidate in Honours, another for 1st in Home Science.
- Monmathanath Bhattacharyya Medal for 1st in B.Sc Examination.
- Santomani Silver Medal for the best lady graduate of the year.
- Basanti Das Silver Medal for 1st among the 1st Class Honours Girl Graduates at B.Sc Examination.

M.Sc. in Food &
Nutrition

Stood 1st
in order of merit
of merit,

- Obtained University Gold Medal

16. **Other notable activities**

- Conducting Cultural Programmes
- Conducting Social Awareness Programmes
- Oration on Different Topics on academic and social aspects