

# PROFILE



## **Prof. (Dr.) Santa Datta (De)**

**Vice-Chancellor (Authorized by the Chancellor), University of Calcutta (Since 2<sup>nd</sup> June, 2023) and  
Professor in Food & Nutrition, Department of Home Science, C.U.**

**Experience as a Professor: 13 + years ( Since 2010)**

**Residential Address:** Biswarup Housing Society, Flat No.6J, 1 Dwarakanath Ghosh Lane,  
Kolkata-700027. West Bengal, Phone No.: 9830366158 , 9433766158  
E-Mail ID: [drsantade@yahoo.co.in](mailto:drsantade@yahoo.co.in)

### **Awards and Medals:**

1. Awarded **SAMATA SAMMAN 2024** by the **Bengal Provincial Depressed Classes League** in appreciation of her commendable public services and social activities leading to justice and upliftment of the marginalized and downtrodden people of West Bengal on the occasion of **Samata Diwas** held on April 05, 2024 on the **117<sup>th</sup> Birth Anniversary of Babu Jagjivan Ram**.
2. Recipient of **Illustrious Women Achiever 2024** Samman by the Dept of Home Science, CU in appreciation of her achievement on the **International Women's Day** on March 08, 2024

<b>Name of the Examination</b>	<b>Board /University</b>	<b>Rank</b>	<b>Awards and Medals</b>
<b>Higher Secondary</b>	<b>WBBSE</b>	<b>Stood 2<sup>nd</sup> in order of merit</b>	<b>1. Recipient of National Merit Certificate</b>
<b>B.Sc. (Hons. in Home Science)</b>	<b>University of Calcutta</b>	<b>Stood 1<sup>st</sup> in order of merit</b>	<b>1. Recipient of National Scholarship</b> <b>2. Jubilee Post Graduate Merit prize for 1<sup>st</sup> class 1<sup>st</sup> in Home Science Hons.</b> <b>3. Sm. Jyotiprava Dasgupta Memorial Silver Medal and Prize</b> for obtaining highest marks as a lady candidate in Hons. in B.Sc Examination. <b>4. Sm. Jyotiprava Dasgupta Memorial Silver Medal and Prize</b> for obtaining highest marks in Home Science. <b>5. Monmathanath Bhattacharya Medal</b> for 1 <sup>st</sup> in B.Sc Examination of the year <b>6. Santomani Silver Medal</b> for the Best Lady Graduate of the year <b>7. Basanti Das Silver Medal</b> for 1 <sup>st</sup> among the 1 <sup>st</sup> Class Honours Girl Graduates at B.Sc Examination of the year
<b>M. Sc. in Food &amp; Nutrition</b>	<b>University of Calcutta</b>	<b>Stood 1<sup>st</sup> in order of merit</b>	<b>1. Recipient of University Gold Medal</b>

### Major Achievements/Initiatives as Vice Chancellor:

1. Played key role and leadership in implementing **NEP 2020 in Undergraduate Level** under the University of Calcutta
2. Revival of **Board of Residence** for proper management of University Hostels
3. Restructuring of **Anti Ragging Committee** following the UGC guidelines
4. Appointing Deans of different Faculties according to CU Act
5. Appointing Heads of different departments according to CU Act
6. Starting of long pending **CAS of Teachers and Officers** of the university
7. Regularizing the roster related issues for the **promotion of non-teaching employees** of the university
8. Organizing an **East Zone National Football (Men) Tournament 2023** after almost 23 years.
9. Organizing an **East Zone National Women's Kabaddi Championship 2023** for **the first time** in the history of the university.
10. Revival of **Calcutta University Press**.
11. Revival of **Calcutta University Rowing Club**.
12. Revival of **Calcutta University Agricultural Farm at Baruipur**.
13. Revival of the **Goyenka Hospital** (CU's own Hospital).
14. Given special drive towards developing **Eco-friendly campuses**.
15. Given special drive towards **Water Body Management in the Ballygunge Science College** campus.
16. Given special drive towards **Rain Water Harvesting** in different campuses of the university.
17. Given special drive in **strengthening the bond among stakeholders** of the University Fraternity through different centrally arranged sports and cultural events like **University foundation day celebration**, organizing **Chess Competition** etc.

### Academic Qualifications:

College/University	Degree Obtained
University of Calcutta	B.Sc (Hons)
University of Calcutta	M.Sc
University of Calcutta	Ph.D

### Positions held:

- **Former Dean**, Faculty Council for the Post Graduate Studies in Fine Arts, Music and Home Science, University of Calcutta

- **Former Head**, Department of Home Science, University of Calcutta.
- **Presiding Officer- Internal Complaints Committee (ICC)**, University of Calcutta.

**Positions holding:**

- **Convener- Research Advisory Committee (RAC)** in Home Science (Food and Nutrition), University of Calcutta.
- **Chairperson, Under Graduate Board of Studies in Food & Nutrition**, University of Calcutta.
- **Member** of Post Graduate Board of Studies in Food and Nutrition, University of Calcutta

**Research Interest:**

- New food formulation from less familiar & unconventional food stuffs.
- New food formulation from kitchen waste
- Medicinal Plants & Herbs.
- Low-Cost Nutritional Food Formulation.

**Research Guidance:**

Number of researchers awarded M.Phil. / Ph. D degree: **Ph D – 12, MPhil. -1**

Number of researchers registered for Ph.D degree : **3**

**Projects:**

***Completed projects:***

- Application of Innovative Ideas about Food Processing and Preservation of Under – utilized and Commonly Available Fruits, Vegetables and Their Wastes – under UGC UPE –II scheme – Ref. No : DPO/368/UPE, of C.U, dated 02/11/2018.
- 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**

## Selected list of Publications:

### a) *Journals*:

#### [2022]

- Gongopadhyay A., Debnath .A., Das. R., Datta (De). S., (2022)  
Preparation, processing and sensory evaluation of steamed sweetened channa-An innovative study in Food Science. IJFANS International Journal of Food and Nutritional Sciences. Volume-11, Issue-7pp:4080-4093. ISSN print 2319 1775 online 2320 7876. UGC CARE listed (Group-I).

#### [2020]

- Begum. R., Datta (De), S. , Ray,A. (2020). Studies on the Relation between Fast Food ,Sugar Sweetened Beverage Consumption and Bodyweight among Young Adult Females (20-25 Years). *Journal of the American Dietetic Association*, 109(4), 730-734.
- Sen, S., Roy, S., Datta (De), S.( 2020). A Study on the Quantitative Estimation of Iron in the leaves of Centella asiatica (Thankuni) along with its effect on the Blood Hemoglobin Level in Rat Model. *Journal of Environmental Science, Toxicology and Food Technology*. Volume 14, Issue 11 ISSN: 2319-2399.
- Sen, S., Roy, S., Datta (De), S. (2020) . In Vitro Study on the Proctective Effect of Centella asiatica (Thankuni) in Fish Roe Induced Hyperuricaemic Rats. *Indian Science Cruiser*

#### [2019]

- Mukherjee, C., Datta (De), S. (2019). Estimation of Macronutrients in Hygrophilla Auriculata and it's Comparison with the Conventional Green Leafy Vegetables. *International Journal of Science and Research (IJSR)* ISSN: 2319-7064.
- Sahoo. A., Garai. A., Datta (De), S. (2019). Estimation of

Oxalate content of Bottle gourd leaves. *Indian Science Cruiser*.

**[2018]**

- Chakraborty, S. & Datta (De), S. (2018 ) Promising Nutritional and Curative Potentials Of Cauliflower Leaves *.Indian Science Cruiser* ISSN: 0970 -4256 : Vol 32(4)

**[2017]**

- De, S., Das, P., Datta (De), S . (2017 ) . Assessment of Some Selected Water Quality Parameters of Bay of Bengal of Digha , West Bengal , India, *International Journal of Scientific Research* . ISSN : 2277-8179 , Vol 6 (4)
- Biswas, R., Chattopadhyay, A., & Datta (De), S. (2017). Hypoglycemic and hypolipidemic effects of watermelon (*Citrullus vulgaris*) seed kernels on male albino rats. *Current Research in Nutrition and Food Science Journal*, 5(3), 368-373.
- Biswas, R., Ghosal, S., Chattopadhyay, A., & Datta (De), S. (2017). A comprehensive review on watermelon seed oil- an underutilized product. *IOSR Journal of Pharmacy*, 7(11), 1-7.
- Mukherjee, C., Datta(De), S. (2017). Estimation of Micronutrients in Fresh Kulekhara Leaves (*Hygrophilla auriculata*). *International Journal of Science and Research (IJSR)* ISSN (Online): 2319-706.

**[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.
- Biswas, R., Ganguly, A., & Datta (De), S. (2016). Studies on the human acceptability of the watermelon seed kernel products. *International Journal of Science and Research (IJSR)*, (1)1, 343- 347.
- Biswas, R., Dey, T., & Datta (De), S. (2016). A comprehensive review on Watermelon seed- the spitted one. *International Journal of Current Research*, 8(8), 35828-35832.

- Pal, I., Datta, K., Layla Khaled, K., Datta(De), S. (2016). Formulation and Sensory Evaluation of Products Developed from Neolamarckia cadamba Fruit. *American International Journal of Research in Formal, Applied & Natural Sciences*.

## [2015]

- Chakrabarty, Soma. , Datta (De), Santa., 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.
- Pal, Imana., Khaled, Kazi,Layla., Datta(De), Santa., (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.
- Chakraborty,Sagarika., Mandal, Arpita., Mondal, Kanika., Datta (De.), Santa., (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.
- Biswas, Reetapa., Chattopadhyay,Alok , Datta(De), Santa., (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 (De), 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.
- Roy, Sohini., Datta(De), Santa.,(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.
- Roy,Sohini., Datta(De), Santa.,(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]**

- Sarkar,S., Datta (De),S., Ghosh, Ira., (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.
- Pal, Iamana., Majumder, Avinanda., Khaled, Layla, Kazi., Dutta(De), Santa., (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]**

- Das, Poulami., Chatterjee, Pinaki., Debnath, Parimal., Chatterjee, Pramita., Datta (De), Snata., (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]**

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

**[2001]**

- Basu, Arpita., De, J.K., Datta (De), Santa., (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**

Pharmacognosy & Nutrition, Vol :2 , 2019, Edited by Neelesh Kumar Maurya . Diet of Lactating Mother “In the book Jeevan Bandhu, Rajkanna Prakashan, 4<sup>th</sup> Edition, 2004 Edited by Dr.

**C) Conference/seminar volumes:**

◆ **Full Papers & Abstract Published In The Proceedings :**

- Ray A., Datta (De) S, Association of Physical Inactivity and Rising Incidence of Obesity among Indian College Students , International Conference on “Opportunities and Challenges in Biological Science and Sports Science”, IQAC, Gushkara Mahavidyalaya, 5<sup>th</sup>-6<sup>th</sup> March, 2023 .
- Ray A, Khaled L K, Datta (De) S, Nutritional Knowledge Attitude and Practice and Body Composition : A Comparative Study Among Students Studying In Nutrition and Non Nutrition Curriculum in University Of Calcutta , 5<sup>1st</sup> Annual National Conference of Nutrition Society of India, Nov 2019..
- 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
- 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.
- *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.
- 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
- 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.



- 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.
- 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.

#### **D) Other Publications:**

##### 1) Articles Published in Reputed Bengali Magazine

“Sustha” published by Ajkaal Patrika :

- Ek Fota Lebur Ros, (2018, May).
- Makhoner Cheye Cheese Swathyokar, (2019, May).
- Megh Bristi R Khichuri, (2019, July).
- Mon O Pet Dui Tushto, (2019, December).
- Ilisher Swaad Brittanto, (2020, June).
- Kule Pash Fel, (2021, February).
- Valo Ache, Mando O , (2023, February ).

##### 2) Special Interview Published in “Aparajita Section”, Ekdin Patrika, Kolkata Edition, 15<sup>th</sup> May, 2022.

#### **Membership of Learned Societies:**

- IDA(Indian Dietetic Association)
- NSI(Nutrition Society of India)
- ISCA(Indian Science Congress Association)
- Science cruiser

#### **Patents: NA**

### Invited Lectures Delivered:

Sl. No.	Name of the Seminars/ Conferences/ Symposiums/ Workshops etc.	Name of the Sponsoring Agency	Venue	Date
1.	International Lecture Series on Nutrition	IQAC & Dept. of Nutrition	Gushkara Mahavidyalaya	14 <sup>th</sup> July, 2021
2.	Gender Equality and Sustainable Development	Dept. of Home Science In collaboration with ICC,C.U.	ViharilalCollege Campus	27 <sup>th</sup> and 28 <sup>th</sup> March, 2019
3.	Food and Nutrition Security: Thus Far andFurther	Nutrition Society of India Calcutta Chapter	Indian Instituteof Chemical Engineers, Jadavpur University Campus	15 <sup>th</sup> September, 2018
4.	Popular Talk on Nutrition & RelatedHealth Problems	NSS unit of Bethune College, Kolkata	Bethune College	29 <sup>th</sup> March, 2016
5.	Seminar on Kidney Diseases	Department of Clinical Nutrition and Dietetics K.B. Women's College, Hazaribag.	K.B. Women's College, Hazaribag.	27 <sup>th</sup> Feb. 2010
6.	Work shop on traditional use of rice: "Rice is our life - Riceis our livelihood"	Society for Equitable Voluntary Action (SEVA)	Kolkata	2010
7.	National Conference on future of Food Biotechnology in India	UGC & National Institute of Technology, UGC	N.I.T Durgapur, India	8 <sup>th</sup> to 9 <sup>th</sup> January 2009
8.	Role of NGOs in the Management of Nutritional status of Streetchildren of Kolkata City.	Controllor of Vagrancy, Govt. of West Bengal	Conference Hall Udayachal Guest House, Saltlake	21 <sup>st</sup> November 2009

9.	Regional Consultation Meet on Nutrition	Ministry of Human Resource Development, Department of Women & Child Development, Govt. of India	State Banquet Hall, Bhubaneswar, Orissa.	12 <sup>th</sup> to 19 <sup>th</sup> July, 2009
10.	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 <sup>th</sup> January, 2006
11.	Seminar on "Women Empowerment"	West Bengal Minorities Development & Finance	Milan Mela at Kolkata Maidan	24 <sup>th</sup> January. 2004
12.	Seminar on 'Breastfeeding promotion'.	Food & Nutrition Board, Govt. of India	Office of the food & Nutrition Board, Kolkata	2000
13.	Seminar on Population explosion and control	Nestle India Ltd.	Calcutta Corporation Main Building	1994
14.	Seminar on promotion of breast feeding	BRWS Calcutta	Viharilal College	1991

**Present Association with Academic Bodies:**

- Reviewer of different Scientific Journals.

**Past Association with Institutes /Academic Bodies:**

- Calcutta University Nominee of Governing Body of the following Colleges:
  - Government Girls' General Degree College.
  - Kanilal Bhattacharya College.
  - Basanti Devi College

- Rani Birla College
- A.J.C. Bose College
- Appointed as Nominated Subject Expert of CAS for the Promotion of Teachers of different Colleges under the University of Calcutta
- Expert Member of Syllabus Committee in Food and Nutrition under CBCS, Vidyasagar University
- External Member of Under Graduate Board of Studies in Food and Nutrition, Mizoram University
- Expert Member of Syllabus Committee in PG course in Food and Nutrition under CBCS, Gour Banga University.
- Expert Member of Syllabus Committee in UG course in Food and Nutrition under CBCS, Bankura University.

**Other Notable Activities:**

- Conducting Cultural Programmes
- Conducting Social Awareness Programmes
- Oration on Different Topics
- Popular Writing in Magazines & Newspapers
- Involved in Nature Conservation Activities

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