

BIODATA

1. **Full name:** DR. SURYATAPA DAS
2. **Designation:** ASSOCIATE PROFESSOR
3. **Specialization :** FOOD AND NUTRITION



[VIDWAN ID: 32992, <https://vidwan.inflibnet.ac.in/profile/329921>]

4. **Contact information:**

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5. **Academic qualifications:**

College/ university from which the degree was Obtained	Degree	Year of the degree
University of Calcutta	BSc(Hons) in Food and Nutrition (First Clsss)	2004
University of Calcutta	MSc in Food and Nutrition (First Class)	2006
UGC	UGC- NET (LS+JRF)	2007 (December)
ICAR	ICAR - SRF	2007 (December)
University of Calcutta	PhD	2022 (15 th December)

6. **Positions held before:**

- Worked as a Research Fellow in the UGC-UPE Research Project from 2007 to 2008 in the

Department of Biochemistry, University of Calcutta.

- Worked as a UGC NET JRF in the Department of Biochemistry, CU and National Institute of Cholera and Enteric Diseases, ICMR, Kolkata from 2009 to 2010.

7. **Research Interest:** Antioxidants, Organic Food, Nutritional Biochemistry, Food Microbiology, Sensory Studies.

8. **Teaching Experience:**

- 16 YEARS at UG Teaching Maharani Kasiswari College (till date)
- Guest Faculty in Masters in food and Nutrition at Women's College affiliated to University of Calcutta teaching, Kolkata From August 2023- April 2024[covered Sem- 1 CC1 (Food Chemistry), Sem 2 CC6(Therapeutic Nutrition and Dietetics) Sem3 CC11 (Modern Concept of Community Nutrition & Public Health) , CC12(Advanced Food Science & Food Processing]
- Guest Faculty (PG and UG) in the Department of Home Science, University of Calcutta FROM 31st May 2024 to till date

9. **Professional Training:**

- Participated in the UGC- Sponsored Orientation Programme at Academic Staff College -Jadavpur University from 13.01.2014 to 11.02.2014.
- Participated in the UGC- Sponsored Refresher Course at HRDC-University of Calcutta in Environmental Studies from 08.03.2016 to 31.03.2016.
- Participated in the UGC- Sponsored Refresher Course at HRDC- University of Calcutta on Recent Advancement in Food and Bioprocess Technology from 02.01.2019 to 22.01.2019.
- Participated in the UGC-HRDC Refresher Programme on Development of MOOCs)-4 Quadrants(Learner Centric MOOCs at Educational Multimedia Research Centre (EMMRC), Savitribai Phule Pune University from 16.11.2021 to 29.11.2021.
- Participated in the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC organized by MM_TTC, University of Calcutta from 05.02.2024 to 15.02.2024

10. **Knowledge of ICT tools and techniques:**

Power Point Presentation, Canva, Edupuzzle, H5P, Microsoft Excel, Minitab, Origin 5.0. SPSS 20., Mendeley reference manager software and misc.

11. Projects:

Project Title	Funding agency	Duration
Minor Research Project: “Comparative Studies on Nutritional Values including Antioxidant properties of Organically and Conventionally Grown Selected vegetables stored in Various packaging materials at different temperatures”.	University Grants Commission [UGC approval Letter No. and Date:PSW-053/14-15 (ERO) Dated:07.02.2017]	2017-2019

12. List of Publications:

Journals (WoS / Scopus indexed)

- Das, S., Chatterjee, A. and Pal, T. K., 2020. Organic farming in India : a vision towards a healthy nation. *Food Quality and Safety*, 4(2):69-76. <https://doi.org/10.1093/fqsafe/fyaa018> [IF: 5.6]
- Das, S. 2022. Post-harvest processing of coffee: An overview. *Coffee Science* - ISSN 1984-3909, [S. l.], v. 16, p. e161976,. DOI: 10.25186/. v16i.1976. [IF: 0.84]
- Das, S., Chatterjee, A., Pal, T.K. .2022. Comparative studies on physicochemical and nutritional values of organically and conventionally grown *Cucumis sativus* stored at different temperatures in different household packaging. *Organic Agriculture*. Springer Nature <https://doi.org/10.1007/s13165-022-00409-y> [IF: 3.6]
- Das, S., Roy L., Chatterjee, A., Pal, T.K. (2023). Impact of domestic packaging and storage on shelflife and sensory quality of organic and conventional *Cucumis sativus* L, *Food Chemistry Advances*, 3,100527, Elsevier, ISSN2772-753X, <https://doi.org/10.1016/j.focha.2023.100527> [cite score: 10.1]
- Das, S., Chatterjee, A., Pal, T.K. (2025). Comparative studies on the effect of household packaging on the antioxidant parameters of the organic and conventional *cucumis sativus* L. *Carpathian Journal of Food Sciences and Technology* 17(1) :119-136 DOI: <https://doi.org/10.34302/crpfjst/2025.17>. [IF: 0.6]
- Das, S., Chatterjee, A., Pal, T.K. (2025). Effect of Domestic Packaging and Temperature Management on Shelflife and Sensory Quality of Organically and Conventionally Grown *Luffa acutangula* L. Roxb, *Spixiana Journal*, 9(12): 123-144 DOI : 14.4016.spixiana.2025.9.12.011
- Das, S., Chatterjee, A., Pal, T.K. (2025). Comparative Studies on Physicochemical and Nutritional

Values of Organically and Conventionally Grown *Luffa acutangula* l. Roxb stored in different household packaging and storage temperatures. *Carpathian Journal of Food Sciences and Technology*, 17(4), 138-150 <https://doi.org/10.34302/crpjfst/2025.17.4.12> [IF: 0.6]

Books/ book chapters:

- Published a Textbook Entitled 'Textbook of Community Nutrition' as Sole Author, for Undergraduate students by Academic Publishers in the year 2014[ISBN: 978-93-83420-02-5]
- Published Second Edition of the Textbook 'Textbook of Community Nutrition' as Sole author for Undergraduate students by Academic Publishers in the Year 2016[ISBN: 978-93-83420-69-8]
- Published Third Edition of the Textbook 'Textbook of Community Nutrition' as Sole author for Undergraduate students by Academic Publishers in the Year 2018[ISBN: 978-93-87162-04-4]
- Published Fourth Edition of the Textbook 'Textbook of Community Nutrition' as Sole authorfor Undergraduate students by Academic Publishers in the Year 2020[ISBN: 978-93-87162-53-2]
- Published First Edition of the Textbook 'Textbook of Human Nutrition' as Sole author for Undergraduate students by Academic Publishers in the January Year 2021[ISBN: 978-93- 87162-92-1]
- Published Fifth Edition of the Textbook 'Textbook of Community Nutrition' as the Sole author for Undergraduate students by Academic Publishers in the Year 2020[ISBN: 978-93-87162-53-2]
- Published a Peer Reviewed Edited Book 'March through Search: A Multidisciplinary Research Book' as an Editor by Rohini Nandan of behalf of Maharani Kasiswari College in the year 2021. [ISBN:978-93-88866-49-1].
- Published the First Edition of the Textbook entitled 'Textbook of Therapeutic Nutrition' as a sole author for Postgraduate/ undergraduate students by Academic publishers in January 2023[ISBN: 978-93-93662-19-4].
- Published the Sixth Edition of the Textbook entitled 'Textbook of Community Nutrition as a sole author for undergraduate students by Academic publishers in April 2023[ISBN: 978-93-93662-22-4]
- Contributed the Chapter 7: Impact of organic food and organic agriculture on human health and ecosystem in the second edition of the Book entitled 'Organic Farming-Global Perspectives and

Methods, 2nd Ed. (pp 255-289), edited by Sarath Chandran, M.R. Unni, and Sabu Thomas, Elsevier Publications/Woodhead Publishing [ISBN:9780323991452] DOI: 10.1016/B978-0-323-99145-2.00006

- Contributed a chapter in the Encyclopedia on Organic Farming: A Sustainable Agricultural System, Reference Module in Earth Systems and Environmental Sciences, Elsevier, ISBN 9780124095489, <https://doi.org/10.1016/B978-0-323-90386-8.00088-7-9> in July 2023.
- Published the second edition of the Textbook ‘Textbook of Human Nutrition’ as Sole author for Undergraduate students by Academic Publishers in the November 2025[ISBN: 978-93- 93662- 86-6]
- Published the First edition of the textbook ‘Ghoshthi Sompradayer Pustibigyan’ as Sole author for Undergraduate students by Academic Publishers in January 2026[ISBN: 978-93- 93662- 45-3]
- Published the seventh edition of “The Textbook of Community Nutrition as sole author by Academic Publishers in January 2026[ISBN:978-93-933662-33-0]

Conference/ seminar volumes / Paper Presented/ Invited Speech:

- Domestic Packaging Effect on the Food Safety and Sensory Characteristics of Organic and Conventional *Luffa acutangula* at the international conference InCoFReDA 2022 on “Strengthening Innovations through Sustainable Food Systems” organized by The Department of Food Science & Technology in collaboration with the Association of Food Science & Technology, The Faculty of Applied Sciences, University of Sri Jayewardenepura, Sri Lanka on 15th February 2022.
- ‘Comparative Studies on the Effect of Household Packaging on The Physico-Chemical Parameters Of Conventionally and Organically Grown Ridge Gourd (*Luffa acutangula*)’ at the One day National Conference on ‘ Food and Nutrition Security: Thus Far and Further’ organized by Nutrition Society of India, Calcutta Chapter on 15th September 2018
- ‘Comparative Studies On The Effect Of Household Packaging On The Physico-Chemical, Antioxidant And Sensory Analysis of Conventionally And Organically Grown Ridge Gourd (*Luffa acutangula*) at the National conference on ‘Advances in Food Processing for Sustainable Food Security (AFP-2019)’ Organized by the Department of Food Process Engineering, National Institute of Technology, Rourkela held from 17th to 18th May, 2019.

- Delivered an invited speech on ‘Organic Farming: An Overview’ in the One Day National Level Webinar on the theme ‘Role of Biological Sciences to Protect Biodiversity- A Multidisciplinary Study’ organized by the Department of Botany, Department of Nutrition, and Department of Zoology of Santal Bidraha Saradha Satabarshiki Mahavidyalaya, Galtore, Paschim Medinipur, WB, India on 15th October, 2020.
- Delivered an invited speech on ‘Role of Health Communication in Promotion of Physical Fitness’ in the One Day State Level Seminar on the theme ‘Role of Health Communication in Community Development’ organized by The Department of Journalism and Mass Communication & Department of Food and Nutrition of behala college, Kolkata on 20th September 2022.
- Presented a paper on the topic ‘Effect of Domestic Packaging and Storage Temperatures on the Food Safety and Sensory Characteristics of Organic and Conventional Cucumis sativus L.’ in the 3rd International Conference on Environment, Agriculture, Human, and Animal Health (ICEAHAH2024) organized by The Voice Of Indian Concern for the Environment (VOICE); India Regd Member, Global Waste Cleaning Network GWCN, United Kingdom; Regd Member, Plastic Pollution Coalition, USA; All India Institute of Training and Education (AIITE), New Delhi, India; Somnogen Canada Inc., Toronto; Canada, & Nexus, India (Ministry of MSME, Govt of India Regd) held on August 16-17, 2024 at Pondicherry Institute of Agricultural Sciences, Puducherry, India

Poster Presentation

- Poster presented as third author in the 14th U.S. - Japan CMSP: 13th International Conference on Emerging Infectious Diseases (EID) in the Pacific Rim – Focused on Enteric Diseases held on September 2009 at San Diego, CA, USA. Entitled ‘Development of a New Guinea pig Model of Shigellosis.’
- Poster presented as third author in the International Symposium On “Fifty Years of Discovery of Cholera Toxin: A Tribute to S. N. De” organized by National Institute of Cholera and Enteric Diseases, Indian Institute of Chemical Biology and Bose Institute, Kolkata, India, October 25-27, 2009 entitled ‘*Shigella flexneri* 3a encodes drug resistance due to involvement of 6.3kb and 47 kb plasmids’.
- Poster presented as second author in the International Symposium On “Fifty Years of Discovery of Cholera Toxin : A Tribute to S. N. De” organized by National Institute of Cholera and Enteric Diseases, Indian Institute of Chemical Biology and Bose Institute, Kolkata, India, October 25-27, 2009 entitled ‘Anti-colonization and anti-diarrheal effects of natural plant products on *Vibrio cholerae* in animal models’.

13. Membership of Learned Societies: Nutrition Society of India**14. Participation in College sub-committee in the college (last 9 years):**

Sr. no.	Sub-committee name	Responsibility (Member/Convenor)	Duration
1	Prospectus & Academic Calendar	Member	2019-2020, 2020-21, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27
2.	Exam conduct (College+ University)	Member	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25
3.	Students' Concession & Welfare	Convener	2018-2019, 2019-2020, 2020-21, 2021-22, 2022-23
4.	Academic Performance (Status & Progress)	Convener	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25
5	UGC	Convener	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2026-27
6.	NCC	Member	2019-2020, 2020-21, 2021-22, 2022-23, 2024-25, 2026-27
7.	NSS, Community extension & Social Welfare	Member	2019-2020, 2020-21, 2021-22, 2022-23
8.	Yoga /Self Defence	Member	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2026-27
9	Class Routine	Convenor (Science)	2023-24, 2024-25
10.	Library	Member	2023-24, 2024-25, 2025-26, 2026-27
11	Discipline, Grievance, Redressal and Counselling	Member	2023-24, 2024-25
12	NAAC	Member (Review committee)	2022-23, 2023-24, 2024-25, 2025-26, 2026-27

13	Sports	Member	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27
14	Research Cell	Convenor	2019-2020, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27
15	College Publication (magazine and Others)	Convenor	2025-26, 2026-27
16	Seminar and Conference	Convenor	2025-26, 2026-27
17	AISHE	Member	2025-26, 2026-27
18.	IQAC & NAAC	Member	2025-26, 2026-27
19	NAAC (Executive Committee)	Member	2025-26, 2026-27
20	Classroom beautification and development	Convener	2025-26, 2026-27
21.	Alumni Coordination	Convener	2025-26, 2026-27
22.	Purchase	Member	2025-26, 2026-27
23	CAS committee	Member	2025-26, 2026-27

15. Any other position held in the college:

Sr. no.	Name of the post	Duration
1.	Course Coordinator of DPTT of NSOU	2010-2013
2.	CTO of MKC NCC Unit	2015-2018

16. Awards:

- Awarded the 'InnovateHER (Research) International Award 2024' by the Somnogen Canada Inc. Toronto and Nexus, India on 29.12.2024.
- Awarded the 'Bharath Shiksha Rathna Award-2024' on the occasion of Teacher's Day by the 'Art of Giving Charitable Trust' on 10.09.2024.
- Awarded the 'Research Excellence Award' in the 3rd International Conference on Environment, Agriculture, Human, and Animal Health (ICEAH2024) organized by The Voice Of Indian Concern for the Environment (VOICE); India Regd Member, Global Waste Cleaning Network GWCN, United Kingdom; Regd Member, Plastic Pollution Coalition, USA; All India Institute of Training and Education (AlITE), New Delhi, India; Somnogen Canada Inc., Toronto; Canada, & Nexus, India (Ministry of MSME, Govt of India Regd) held on August 16-17, 2024 at Pondicherry

Institute of Agricultural Sciences, Puducherry, India.

- Awarded the ‘Best Presentation Award’ on the topic ‘Effect of Domestic Packaging and Storage Temperatures on the Food Safety and Sensory Characteristics of Organic and Conventional *Cucumis sativus* L.’ in the 3rd International Conference on Environment, Agriculture, Human, and Animal Health(ICEAH2024) organized by The Voice Of Indian Concern for the Environment (VOICE); India Regd Member, Global Waste Cleaning Network GWCN, United Kingdom; Regd Member, Plastic Pollution Coalition, USA; All India Institute of Training and Education (AIITE), New Delhi, India; Somnogen Canada Inc., Toronto; Canada, & Nexus, India (Ministry of MSME, Govt of India Regd) held on August 16-17, 2024 at Pondicherry Institute of Agricultural Sciences, Puducherry, India.
- Awarded Junior Research Fellowship by University Grants Commission in UGC- NET exam in December 2007.
- Awarded Senior Research Fellowship by Indian Council of Agricultural Research SRF exam in December 2007.
- Awarded First prize in ‘Scientific Research Paper Presentation Competition in the National Seminar on ‘Home Science for Better Living in The Present Era on occasion of 150th anniversary of Calcutta University & the Golden Jubilee Celebration of Viharilal College Campus dated 6th to 8th Dec 2006.
- Awarded on ‘Merit in Science Talent Search Test’ organized by National Science society in 1995.

17. Other Notable Activities:

- Reviewer of renowned Journals such as LWT Food Science & Technology (Elsevier)
Current Research in Nutrition and Food science
Sustainable Agriculture and Environment (EnPress)
Nutrition & Food Science(Emerald Publishing)
- Member of Editorial Board in Deep Science Publishing
- Organized A Two-Day National Level Workshop on ‘Art of Academic Writing’ as Joint convener of Research Cell in Association with Internal Quality Assurance Cell of Maharani Kasiswari College from 29th to 30th August 2022
- Organized A Special Talk on Use of AI in Library Services’ as Joint convener of Research Cell in Association with Internal Quality Assurance Cell of Maharani Kasiswari College on 7th February 2024
- Organized A two-Day National Level Workshop on ‘ AI tools in Research Writing’ as Joint convener of Research Cell of Maharani Kasiswari College from 13th to 14th May 2025.

- Organized A National Level virtual Workshop on ‘Intellectual Property Rights (IPR) & Patenting’ as Joint convener of Research Cell of Maharani Kasiswari College on 22nd December 2025.
- Organized A Two-Day National Level Workshop on ‘Research Methodology in the Context of NEP 2020’ Joint convener of Research Cell of Maharani Kasiswari College from 21st to 22nd July 2026.

