

Dr. ANINDITA GOSWAMI

Gender: Female

DOB: 14.03.1990

Nationality: Indian

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Academic Qualifications

Qualifications	Board/University	Year	%
Ph.D.	The University of Burdwan	2024	Awarded (Dt: 12.04.2024)
M.Sc. (Food and Nutrition)	West Bengal State University	2013	66.3 (First class)
B.Sc. (Nutrition Hons.)	The University of Burdwan	2011	67.87 (First class and ranked 2 nd position in university)
12 th	WBCHSE	2008	66.2 (Div. 1 st)
10 th	WBBSE	2006	82.87 (Div. 1 st)

Published Research Papers in National and International Journals

- Ghosh S, **Goswami A**, Bandopadhyay A, Saha RG, Mandal P (2025) Association of Vaginal Microbiota and Sociodemographic Factors With Cervical Human Papillomavirus in the Eastern Region of India. *Journal of Medical Virology*, Wiley, 97:e70472.1-11 [**Impact Factor: 4.6**]
- **Goswami A**, Ghosh S, Bandyopadhyay A, Saha RG, Sengupta P, Bhuniya U, Mandal P (2024) Comparative Analysis of Vaginal Microbiome Associated with Oncogenic HPV Infection Among Different Ethnic Groups of Women of the Eastern Region of India. *Indian Journal of Microbiology*. Springer. [**Impact Factor: 2.8**]

- **Goswami A**, Bhuniya U, Chatterjee S, Mandal P (2022) The influence of IL1RN VNTR polymorphism on HPV infection among some tribal communities. *Journal of Medical Virology. Wiley*.94(2):752-760.
[Impact Factor: 20.69]
- Chandra S, **Goswami A**, Mandal P (2021) Molecular Heterogeneity of Cervical Cancer Among Different Ethnic/ Racial Populations. *Journal of Racial and Ethnic Health Disparities. Springer*. 9(6):2441-2450
[Impact Factor: 3.90]
- **Goswami A**, Chatterjee S, Mandal P (2019) Study on the Effect of Socio-Demographic Parameters on Disease Prevalence Among Tribal Communities in West Bengal, India. *Studies of Tribes and Tribals*, 17(1-2): 27-36

Published Articles in Edited Books (International Publication)

- Mandal P, **Goswami A**, Adhikari S, Sarkar S (2022) Targeting Oxidative Stress in Cancer. In: Chakraborti S, Ray BK, Roy Choudhury S (eds) Handbook of Oxidative Stress in Cancer: Mechanistic Aspects. Springer, Singapore. ISBN: 978-981-15-9410-6
- Adhikari S, Chandra S, **Goswami A**, Sarkar S, Mandal P (2022) Short Non-coding RNAs: Emerging Molecular Players in Therapeutics of ROS-Induced Cancer. In: S. Chakraborti (ed.) Handbook of Oxidative Stress in Cancer: Therapeutic Aspects. Springer, Singapore. ISBN: 978-981-16-5421-3
- **Goswami A**, Chandra S, Adhikari S, Mandal P (2022) Understanding the Impact of the Microbiome on Lung Cancer. In: Gupta G, Oliver BG, Dua K, Singh A, McLaughlin R (eds) Microbiome in Inflammatory Lung Diseases. Springer, Singapore. ISBN: 978-981-16-8956-7
- Mandal P, **Goswami A**, Adhikari S, Sarkar S (2021). Modulation of Signaling Pathways by Immunotherapeutic in Lung Cancer. In: Dua K, Lobenberg R, Malheiros Luzo AC, Shukla S, Satija S (eds) Targeting Cellular Signalling Pathways in Lung Diseases. Springer, Singapore. ISBN: 978-981-33-6826-2
- **Goswami A**, Ghosh S, Chandra S., Sadhu A, Mandal, P (2023). Understanding the Role of Synbiotics in Prevention and Management of Cervical Cancer. In: Mishra, N., Bhatt, S., Paudel, K.R., M Hansbro, P., Dua, K. (eds) Synbiotics for the Management of Cancer. Springer, Singapore. ISBN 978-981-19-7549-3
- Chandra S, **Goswami A**, Ghosh S, Mandal, P (2023) An insight of molecular paradigm of phospholipase D on cervical cancer. In: Chakraborti S (ed) Phospholipases in Physiology and Pathology. Elsevier. ISBN: 97803239568

Other publication

Metagenomic data deposition of 25 samples (NCBI SRA accession No. PRJNA818976)

Research Experience

6 years of research experience in the Bio-Medical Genetics Laboratory, Department of Zoology, The University of Burdwan, West Bengal. India

Research Title:

Studies on the Molecular Interaction of Host Genetic Factors and Vaginal Bacteria with HPV Infection in Human Cervix.

Award & Certificate

- Presented a research topic as a poster and **got 2nd Position** in Poster Presentation at 4th Regional Science & Technology Congress, 2019
- Presented a research paper orally and awarded as an **outstanding paper presenter** at 27th State Science & Technology Congress, 2020
- Paper presented orally at 5th Regional Science & Technology Congress, 2023
- Paper presentation orally in International Conference on Global Disease Biology: Perspective Biotechnology (2024)
- Paper presented orally at 7th Regional Science & Technology Congress, 2025

Internship

- Served as a dietitian for a 1-month internship course at Vision Care Hospital (AMRI), Purba Jadavpur, Mukundapur, Kolkata, West Bengal 700099

Teaching Experience

- Worked as a Guest Lecturer at MUC women's College, Burdwan, West Bengal from 2014- 2017.
- Now working as an Assistant Professor in the Department of Allied Health Science at Adamas University since 1st August 2024.

Faculty Development Programme

- FDP on “Transforming Education in the light of the National Education Policy and understanding the different accreditation bodies.” Adamas University, 10 Days, June 2025.

Extra Curriculum Activities

- Knowledge in Computer
- Dancing
- Anchoring