



# BARASAT GOVERNMENT COLLEGE

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## TEACHER'S PROFILE

*DR JAYATI GHOSH, DEPARTMENT OF ZOOLOGY*

- **DESIGNATION** : Associate Professor
- **QUALIFICATION** : M.Sc., Ph.D.
- **DATE OF JOINING THE SERVICE** : Nov 29, 2001
- **DATE OF JOINING THE INSTITUTION** : Aug 17, 2016
- **ADDRESS FOR COMMUNICATION** : Barasat Government College, 10, K.N.C Road, Barasat, North 24 Parganas, West Bengal, PIN-700124
- **PHONE NO** : Personal information
- **EMAIL ADDRESS** : jayatizooology@gmail.com
- **SPECIALIZATION** : Parasitology and Immunology
- **TEACHING EXPERIENCE** : 20 years of Post Graduate and Under graduate teaching experience
- **COLLEGE SERVED** : Maulana Azad College (Duration: 9 years 6 months) 29.11.2001 to 07.09.2011  
Krishnagar Govt. College (Duration: 4 years 11 months) 08.09.2011 to 16.08.2016  
Barasat Govt. College ( 17.08.2016 to till date)

➤ <b>ACADEMIC AND ADMINISTRATIVE EXPERIENCE</b>	: Acted as Program coordinator of DBT BOOST II Scheme, 2016-2019 in Barasat Govt. College. She was PG convenor of the college for the year 2017 and 2018.
➤ <b>TOPICS TAUGHT</b>	: on Non-chordates, Chordates, Animal physiology, Parasitology, immunology, Microbiology, Vector biology, Evolution, Cytology and Molecular biology
➤ <b>AREA OF RESEARCH &amp; INTEREST</b>	: Parasitology, Vector biology, Microbiology, Epidemiology
➤ <b>ONGOING PROJECT DETAILS</b>	: None
➤ <b>AWARD RECEIVED</b>	: None
➤ <b>PATENT DETAILS</b>	: None
➤ <b>EXTRACURRICULAR ACTIVITIES</b>	: Interested in wildlife photography, writing popular scientific articles. Participated in different awareness program organised by NSS unit, Barasat Govt. College
➤ <b>CAREER PROFILE</b>	: <i>Dr. Jayati Ghosh, Associate Professor of Zoology completed her B.Sc. in Zoology (Hons.) in 1995 from Bangabashi College, Kolkata and M.Sc. in Zoology from University of Calcutta in the year 1997. She received her Ph.D. from Jadavpur University in the year 2010. She has published her research work in different peer reviewed journals like The Lancet, Journal of Parasitic Diseases and Journal of Mycopathological Research, Journal of Entomology and Zoology Studies etc. She has successfully completed two UGC Minor Research Projects and acted as reviewer of many international journals.</i>
➤ <b>ACADEMIC LINK</b>	: <a href="https://www.researchgate.net/profile/Jayati-Ghosh-5">https://www.researchgate.net/profile/Jayati-Ghosh-5</a>

## PUBLICATION

### ➤ JOURNAL PUBLICATION :

- (1) Shrubawati Sarkar , Jayati Ghosh, 'Morphological Alterations in Haemocytes of Adult American Cockroach, *Periplaneta americana* (Linnaeus) (Insecta: Blattodea: Blattidae) in Response to Thermal Stress and Induced Infection', International Journal of Scientific Research in Biological sciences, October, 2021, E-ISSN: 2347-7520
- (2) J. Ghoshl , M. Das, 'Results of Seasonal Change on Physical and Chemical Properties of Borehole Water of Schools in Barasat, North 24 Parganas, West Bengal', International Journal of Scientific Research in Multidisciplinary Studies, September (2021), E-ISSN: 2454-9312, P-ISSN: 2454-6143
- (3) Jayati Ghosh, 'A study on the occurrence of pinworms in the hindgut of *Periplaneta americana*', Journal of Parasitic diseases, August,2017, 0975-0703 (electronic), 0971-7196 (Print )
- (4) Tanmoy Dey and Jayati Ghosh, 'A Study on the diversity and abundance of Butterfly fauna in urban green areas of Krishnagar, Nadia, West Bengal', Journal of Entomology and Zoology Studies, , August,2016, E-ISSN: 2320-7078 P-ISSN: 2349-6800
- (5) Tanmoy Dey and Dr. Jayati Ghosh, 'Study on the avifaunal species diversity of the Krishnanagar govt. college campus, Krishnanagar, Nadia, West Bengal', Journal of Entomology and Zoology Studies, September, 2016, E-ISSN: 2320-7078 P-ISSN: 2349-6800
- (6) N. Dey, J. Sinha Choudhury (Ghosh), D. Pathak, R.K. Paikaray, S.K. Mohanty, A.K. Jana, D.J. Chattopadhyay, and S.K. Ghosh, 'Atypical response of virus energized jute (*Corchorus olitorius*) seeds in producing higher fibre yield with sustainability under different agro-ecological situations', J. Mycopathol. Res., 2012, 0971-3719
- (7) Jayati Ghosh, 'Wolbachia: Potential targets for control of filariasis', Conscientia, 2011, 2278-6554
- (8) Ghosh J., Gachhui, R., Dasgupta, B, 'An unusual kind of inclusion in *Nyctotherus ovalis* occurring in *Periplaneta americana* in Kolkata: A preliminary report', Journal of Natural History, 2008, 0973-6166
- (9) J. Ghosh, A.Gayen, 'The protozoan fauna living in the digestive system of *Periplaneta americana* in Kolkata, West Bengal, India', Journal of Parasitic Diseases, 2006, 0971-7196
- (10) T. Krishnan, A. Sen, J. Sinha Choudhury (Ghosh), S.Das, T. N. Naik, S. K. Bhattacharya, 'Emergence of adult diarrhoea rotavirus in Calcutta, India', The Lancet, 1999, 0140-6736



## BOOK PUBLICATION :

- (1) Jayati Ghosh and Ratan Gachhui, 'article in proceedings:Profile of aerobic bacteria associated with gut regions of cockroach *Periplaneta americana*', Proceedings of the National Conference of Challenges in Biodiversity Conservation and Resource Management, Department of Zoology, University of Kalyani, 2013, 978-81-927762-0-0