



Dr Debjani DasGhosh

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Address: Kolkata ,West Bengal,India - 700009

Expertise

Zoology

Expert in Animal Science, Immunology, Parasitology & Biodiversity

Work experience

1. Victoria Institution 2007 — Present

Associate Professor
Kolkata

Education

1. Post Doc - 2005

UNIVERSITY OF KENTUCKY, USA

2. Ph.D - 2004

Jadavpur University

3. B. Ed - 1996

University of Calcutta

4. **M.Sc - 1995**

University of Calcutta

5. **B. Sc with Hons in Zoology - 1993**

University of Calcutta

Honours and Awards

1. **Post Doctoral Fellowship in Biochemistry and Molecular Biology - 2002**

University of Kentucky, USA

2. **Awarded Lady Tata Memorial Fellowship - 2001**

Lady Tata Memorial Trust

3. **D.N.RAYCHUDHURY MEMORIAL AWARD - 1995**

ZOOLOGICAL SOCIETY

Research Project

STUDIES ON BIO-MONITORING OF SOIL QUALITY WITH ANTS AS INDICATOR IN GORUMARA FOREST REGION

Role: Ecosystem Monitoring

Year 2014, Amount 300000

Membership In Professional Bodies

1. **Indian Biodiversity Conservation Society , 2024**

Member

2. **Life Member of INDIAN SCIENCE CONGRESS, 2014**

Life Member

3. LIFE MEMBER OF ZOOLOGICAL SOCIETY, CALCUTTA , 2008
Life Member

Membership In Committees

1. Grievance and Redressal Cell, Sanskrit University, 2023
External Member
2. IQAC, 2022
Member
3. Grievance and Redressal Cell, VICTORIA INSTITUTION, 2022
Convener
4. Admission Committee , 2022
Member
5. Magazine Committee , 2022
Member
6. Academic sub-committee, 2021
Member
7. GB, 2021
Teacher Member
8. GB MEMBER , 2015
University Nominee

Publication

1. Species composition in Ants: its role in bio-monitoring the ecosystem of GORUMARA National Park area
Debjani DasGhosh
Journal of Emerging Technologies and Innovative Research , Volume 6(1), Year 2019, Pages 503-515
2. VISCERAL LEISHMANIASIS
DEBJANI DASGHOSH

3. Attachment of Leishmania donovani virulent strains- murine peritoneal macrophage interaction induces PKC mediated oxidative events

Debjani DasGhosh

International Journal of Engineering, Science and Mathematics , Volume 7(4), Year 2018, Pages

4. Leishmania donovani murine peritoneal macrophage attachment induces parasite specific protein kinase c mediated phosphorylated proteins

Debjani DasGhosh

Contemporary Health Issues and Environmental Impact , Volume , Year 2018, Pages 22-30

5. The relationship of ants species with the edaphic factors in Gorumara forest areas

Debjani DasGhosh

INTZOOCON, 2018,An International Conference, Volume , Year 2018, Pages

6. BIOPHYSICS: IMPACT ON TODAY'S SOCIETY

Edited by Debjani DasGhosh

BIOPHYSICS: IMPACT ON TODAY'S SOCIETY , Volume , Year 2017, Pages

7. A Newer Approach of Modular Robot Designing and Biophysics: An overview

Debjani Das Ghosh

Biophysics: IMPACT ON TODAY'S SOCIETY, Volume 1, Year 2017, Pages 41-47

8. SWINE FLU(H1N1 FLU VIRUS) : A BURNING PANDEMIC

Debjani DasGhosh

ACADEMIC JOURNAL, Volume III, Year 2015, Pages 34-35

9. Colonization of ants in Gorumara National Park region

DEBJANI DasGhosh

Environmental impact on Health: towards a better future, Volume , Year 2015, Pages 165-173

10. TIGER- A FRIEND OR FOE TO THE ENVIRONMENT

Debjani Das Ghosh

Refresher Course in Environmental Studies, Volume , Year 2011, Pages 175-176

11. Some special Avian Behavior

Debjani DasGhosh

ACADEMIC JOURNAL, VOL -1, Volume 1, Year 2009, Pages 73

12. VISCERAL LEISHMANIASIS OR KALA-AZAR AND IT'S PARASITE AN OVERVIEW

Debjani DasGhosh

20th ORIENTATION PROGRAMME, 9thJune-5th July, 2008, Volume 20, Year 2008, Pages

13. Linoleic acid induces proinflammatory events in vascular endothelial cells

via activation of PI3K/Akt and ERK1/2 signaling

Hennig,Lei, Arzuaga, Ghosh DD

Journal of Nutri Biochemistry , Volume 17(11), Year 2006, Pages 766-772

14. Involvement of protein tyrosine kinases and phosphatases in uptake and intracellular replication of virulent and avirulent *Leishmania donovani* promastigotes in mouse macrophage cells

Ghosh D.;Chakraborty P.

Bioscience Reports, Volume 22, Year 2002, Pages 395-406

15. The local transformation of the chemical structures induced in polymers by heavy ion-beam irradiation: The characterization of ions in the interaction with materials

Chakraborty P.;Ghosh D.;Basu M.K.

Research on Chemical Intermediates, Volume 27, Year 2001, Pages 469-473

16. Modulation of macrophage mannose receptor affects the uptake of virulent and avirulent *Leishmania donovani* promastigotes

Chakraborty P.;Ghosh D.;Basu M.K.

Journal of Parasitology, Volume 87, Year 2001, Pages 1023-1027

17. Macrophage protein kinase C: Its role in modulating membrane microviscosity and superoxide in leishmanial infection

Chakraborty P.;Ghosh D.;Basu M.K.

Journal of Biochemistry, Volume 127, Year 2000, Pages 185-190