



## Dr Debjani DasGhosh

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## AREAS OF EXPERTISE

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### Zoology

Animal Science, Immunology, Parasitology & Biodiversity

## EDUCATION

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### Post Doc 2005

*UNIVERSITY OF KENTUCKY, USA*

### Ph.D 2004

*Jadavpur University*

### Doctoral 2004

*Jadavpur University*

### B. Ed 1996

*University of Calcutta*

### M.Sc 1995

*University of Calcutta*

### B. Sc with Hons in Zoology 1993

## PROFESSIONAL EXPERIENCE

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### **Victoria Institution** 2007 - Present

Associate Professor

Kolkata

### **University of Kentucky** 2002 - 2005

Research Fellow

Fayette County, Kentucky, USA

## RESEARCH PROJECTS

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

Role: Ecosystem Monitoring

Year: 2014 | Amount: 300000

## HONOURS AND AWARDS

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### **Honoured as Chief Guest** 2025

Awarded by: St. Augustine's Day School for Girls, Barrackpore

### **Awarded Sikhyaratnya** 2025

Awarded by: WBHED

### **Awarded 2nd prize in Poster competition** 2017

Awarded by: Indian Biodiversity Congress, Pondicherry University

### **Post Doctoral Fellowship in Biochemistry and Molecular Biology** 2002

Awarded by: University of Kentucky, USA

### **Awarded D.N.RAYCHUDHURY MEMORIAL AWARD** 1995

Awarded by: ZOOLOGICAL SOCIETY, KOLKATA

## PROFESSIONAL MEMBERSHIPS

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### **Indian Biodiversity Conservation Society** 2024

Member

### **West Bengal Forest Development Corporation** 2022

Nature club member

### **Life Member of INDIAN SCIENCE CONGRESS** 2014

Life Member

**LIFE MEMBER OF ZOOLOGICAL SOCIETY, CALCUTTA 2008**

*Life Member*

## **COMMITTEE MEMBERSHIPS**

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**Anti-Ragging Cell, Sanskrit University 2023**

*External Member*

**Hostel committee 2023**

*Convener*

**IQAC 2022**

*Member*

**Grievance and Redressal Cell, VICTORIA INSTITUTION 2022**

*Convener*

**Admission Committee 2022**

*Member*

**Magazine Committee 2022**

*Member*

**Building committee 2022**

*Member*

**GB 2021**

*Teacher Member*

**Academic sub-committee 2021**

*Member*

**GB MEMBER 2015**

*University Nominee*

## **PUBLICATIONS**

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1. **Abundance and species diversity of Butterflies during rainy season of North 24Pgs ans North Kolkata, WB, INDIA**

*Debjani Das Ghosh Anipurba Saha, Narayan Chandra Das*

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD , Vol. 11(8) (2025) , pp. 1-11

2. **VISCERAL LEISHMANIASIS**

*DEBJANI DASGHOSH*

Signalling Approaches , Vol. 1 (2019) , pp.

3. **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 , Vol. 6(1) (2019) , pp. 503-515
4. **Attachment of Leishmania donovani virulent strains- murine peritoneal macrophage interaction induces PKC mediated oxidative events**  
*Debjani DasGhosh*  
International Journal of Engineering, Science and Mathematics , Vol. 7(4) (2018) , pp.
5. **Leishmania donovani murine peritoneal macrophage attachment induces parasite specific protein kinase c mediated phosphorylated proteins**  
*Debjani DasGhosh*  
Contemporary Health Issues and Environmental Impact , Vol. (2018) , pp. 22-30
6. **The relationship of ants species with the edaphic factors in Gorumara forest areas**  
*Debjani DasGhosh*  
INTZOOCON, 2018, An International Conference , Vol. (2018) , pp.
7. **BIOPHYSICS: IMPACT ON TODAY'S SOCIETY**  
*Edited by Debjani DasGhosh*  
BIOPHYSICS: IMPACT ON TODAY'S SOCIETY , Vol. (2017) , pp.
8. **A Newer Approach of Modular Robot Designing and Biophysics: An overview**  
*Debjani Das Ghosh*  
Biophysics: IMPACT ON TODAY'S SOCIETY , Vol. 1 (2017) , pp. 41-47
9. **Colonization of ants in Gorumara National Park region**  
*DEBJANI DasGhosh*  
Environmental impact on Health: towards a better future , Vol. (2015) , pp. 165-173
10. **SWINE FLU(H1N1 FLU VIRUS) : A BURNING PANDEMIC**  
*Debjani DasGhosh*  
ACADEMIC JOURNAL , Vol. III (2015) , pp. 34-35
11. **TIGER- A FRIEND OR FOE TO THE ENVIRONMENT**  
*Debjani Das Ghosh*  
Refresher Course in Environmental Studies , Vol. (2011) , pp. 175-176
12. **Some special Avian Behavior**  
*Debjani DasGhosh*  
ACADEMIC JOURNAL, VOL -1 , Vol. 1 (2009) , pp. 73
13. **VISCERAL LEISHMANIASIS OR KALA-AZAR AND IT'S PARASITE AN OVERVIEW**  
*Debjani DasGhosh*  
20th ORIENTATION PROGRAMME, 9th June-5th July, 2008 , Vol. 20 (2008) , pp.
14. **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 , Vol. 17(11) (2006) , pp. 766-772
15. **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 , Vol. 22 (2002) , pp. 395-406

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 , Vol. 87 (2001) , pp. 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 , Vol. 127 (2000) , pp. 185-190