

TEACHERS PROFILE

- i. **NAME** : **DR. SRIPARNA KUTHE**
- ii. **DESIGNATION** : Staid Aided College Teacher-category I
- iii. **DEPARTMENT** : Zoology
- iv. **E-MAIL** : kuthe.sriparna10@gmail.com
- v. **DATE OF JOINING IN THIS COLLEGE** : 10th July, 2008
- vi. **MOB.NO.** : 9903138837

vii. **ACADEMIC QUALIFICATION:**

- Ph.D. From University of Calcutta, 2017, Topic : Title of the Thesis: Effects of Assortative fertilization Between *D. melanogaster* And *D. simulans*: An Insight Of Pre and Post Zygotic Isolation Mechanisms Of The Two Species.
- M.Sc.(Zoology with spl. paper Genetics and Molecular Biology), University of Calcutta, 2006 with 1st class.
- B.sc. from University of Calcutta, 2004, with 1st Class.

viii. **TEACHING EXPERIENCE** : **14 years.**

1. Presently working at Dept. of Zoology of Dr. Kanailal Bhattacharyya College, Howrah-4, affiliated by University of Calcutta as a SACT-I since 10th July, 2008 till to date and also having both internal and external examiner ship of the same.
2. Working as a guest lecturer in the dept. of Zoology (M.Sc.) Directorate of Distance Education affiliated by Vidyasagar University at Dr. Kanailal Bhattacharyya College, Howrah since 2015 and also having examiner ship of the same.
3. Working as a guest lecturer in the dept. of Zoology Directorate of Distance Education affiliated by Netaji Subhas Open University at Bijoy Krishna Girls College since 2018 and also having examiner ship of the same.

ix. **AWARDS, RECOGNITION, FELLOWSHIPS AWARDED (LAST FIVE YEARS)** :

- UGC-CSIR-NET (LS) in 2013.
- **1st prize** winner on poster presentation (own paper document) in University of Calcutta @ spring talk.organised by Dept. of Zoology C.U. March 23, 2013
Poster Topic: GROWTH AND DEVELOPMENT OF IMAGINAL DISCS OF VIABLE AND RESCUED HYBRIDS OF *D. melanogaster* AND *D. simulans*.
S. Kuthe, P. Chatterjee and R.N. Chatterjee.

x. **AREA OF INTEREST :** Genetics and Molecular Biology and Evolutionary Biology

xi. **WORKSHOP, SEMINERS ATTENDED and PAPER PRESENTATION :**

1. Topic: 'Action of insulin on cardiac cell physiology' on UGC sponsored International seminar on Diabetes. 16th & 17th December, 2010.

-: Organised by:-

Dr. Kanailal Bhattacharyya College, Howrah-4.

2. Topic: 'THE IMPACT OF LAND USE ON CLIMATIC CHANGE, GLOBAL WARMING AND REASON FOR BIODIVERSITY LOSS.' On UGC sponsored national seminar on 'Biodiversity, Land Use and its Development', 16th & 17th July, 2011.

-: Organised by:-

Dr. Kanailal Bhattacharyya College, Howrah-4.

In collaboration with –

Bijoy Krishna Girls' College, Howrah.

3. **Participation, Oral Presentation paper:** Topic: 'ROLL OF Ca²⁺ IONS IN CARDIAC MUSCLE CONTRACTION' On National seminar on 'Exploration of Biological Processes through Chemical Sciences', 7th & 8th December, 2011.

-: Organised by:-

Dept. of Chemistry & Dept. of Zoology Narasinha Dutt College, Howrah.

In collaboration with –

Indian Institute of Science Education and Research, Kolkata.

4. **Participation, Oral Presentation paper in 100th Indian science Congress 3-7 January 2013, Kolkata.**

Presentation Topic: 'COMPARATIVE ANALYSIS OF EGG SHELL MORPHOLOGY OF *Drosophila melanogaster* AND *D. simulans* REVEAL DIRECT CORRELATED RESPONSES TO SELECTION AT THE SPECIES, POPULATION AND INTRA POPULATION LEVELS'

S. Kuthe, P. Chatterjee and R.N. Chatterjee.

5. poster presentation in University of Calcutta @ spring talk..organised by Dept. of Zoology C.U. March 23, 2013.

Poster Topic: GROWTH AND DEVELOPMENT OF IMAGINAL DISCS OF VIABLE AND RESCUED HYBRIDS OF *D. melanogaster* AND *D. simulans*.

S. Kuthe, P. Chatterjee and R.N. Chatterjee.

6. Participation, Oral Presentation & publication of paper in UGC sponsored National seminar on Incidence and prevalence of Mendelian traits & diseases in people of Odisha- at Udayanath sc. and tech. college, Cuttack, Odissa , September 21-22, 2013.

Paper entitled: DEVELOPMENTAL DYSFUNCTION IN HYBRIDS IS A FORM OF HYBRID BREAKDOWN: A LESSON FROM *Drosophila*.

S. Kuthe, P. Chatterjee and R.N. Chatterjee.

7. Reorientation Workshop on Under Graduate Honours (Part-I) new Syllabus in Zoology, University of Calcutta

-: Organised by:-

Department of Zoology University of Calcutta, 24th September, 2016.

8. Participation in seminar on M. M. Chakraborty Memorial Lecture and D. N. Ganguly Memorial Lecture for the year 2017

-: Organised by:-

Dept. of Zoology, University of Calcutta, February 8, 2017.

9. One day workshop on Practical Syllabus of Zoology Hons. Part-II Curriculum of University of Calcutta

-: Organised by:-

Under Graduate- Board of Study in Zoology, University of Calcutta

In collaboration with:-

Department of Zoology University of Calcutta, 29th March, 2018.

10. Workshop on Zoology CBCS Syllabus, 2018 University of Calcutta

-: Organised by:-

Surendranath College

In collaboration with:-

Board of Studies in Zoology, C.U. On 12th June, 2018

Contd./3

11. 26th National Children's Science Congress-2018

A programme of National Council for Science and Technology Communication

-: Organised by:-

Dept. Of Science and Technology, Government of India, District level Congress, Howrah, West Bengal.

12. 27th National Children's Science Congress-2019

A programme of National Council for Science and Technology Communication

-: Organised by:-

Dept. Of Science and Technology, Government of India, District level Congress, Howrah, West Bengal.

13. 29th National Children's Science Congress-2021.

A programme of National Council for Science and Technology Communication

-: Organised by:-

Dept. Of Science and Technology, Government of India, District level Congress, Howrah, West Bengal.

xii. DETAILS OF RESEARCH PAPERS PUBLISHED IN UGC ENLISTED JOURNALS (LAST FIVE YEARS) :

1. Developmental dysfunction in hybrids is a form of hybrid breakdown: A lesion from *Drosophila*.

S. Kuthe, P. Chatterjee and R.N. Chatterjee.

Published; ISBN NO : 81-86354-90-5

2. Eggshells of *Drosophila melanogaster* and *D. simulans*: Ultrastructure, Measurement and Analyses.

Rabindra Nath Chatterjee, Sriparna Kuthe, Piyali Chatterjee

Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. DOI 10.1007/s40011-015-0647-1, 2015. Pp.1-14.

3. Intersex (ix) mutations cause non-random cell death in genital disc and can induce tumors in genitals in presence of decapentapelagic (dpp/disk) mutations in *Drosophila melanogaster*.

R.N. Chatterjee, P. Chatterjee, S. Kuthe, M. Acharyya-Ari, R. Chatterjee.

Journal of Genetics, Vol. 94, No. 2, June 2015. Pp. 207-220.

4. Hybrid larval lethality of *Drosophila* is caused by parent-of-origin expression: an insight from imaginal discs morphogenesis of *Lhr* pausing rescue hybrids of *D. melanogaster* and *D. simulans*

R. N. Chatterjee, S. Kuthe, Piyali Chatterjee

Nucleus, An International Journal of Cytology and Allied Topics, ISSN: 0029-568X
DOI 10.1007/s13237-020-00327-y July 2020