

CURRICULUM VITAE

AVIJIT DEY

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CAREER OBJECTIVE:

To work in a challenging and highly competitive environment where I would be able to explore my abilities, achieve the goals set for me and contribute the best of myself.

EDUCATIONAL QUALIFICATIONS:

Degree	Institution	University / Board	Year
Ph.D.		C.U.	2020
B.Ed.	SISHU BIKASH COLLEGE OF EDUCATION	C.U.	2013
M.Sc.	MAULANA AZAD COLLEGE	C.U.	2011
B.Sc.	BANGABASI COLLEGE	C.U.	2009
Higher Secondary	GABINDAPUR RATNESWAR HIGH SCHOOL	W.B.C.H.S.E	2006
Madhyamik	BARUIPUR HIGH SCHOOL	W.B.B.S.E	2004

- NET and GATE qualified.

TEACHING EXPERIENCE:

- SACT (category-1) and Head, Department of Zoology, Ramakrishna Mission Vidyamandira (from 01.01.20 till date).
- Assistant Professor and Head, Department of Zoology, Ramakrishna Mission Vidyamandira (from 09.11.19 to 31.12.19).
- Guest lecturer of Department of Zoology, Ramakrishna Mission Vidyamandira (from 10.07.18 to 08.11.19).
- Guest lecturer of Department of Zoology, Bamkim Sardar College (from 06.08.18 to 04.11.19).
- Guest lecturer of Post Graduate Department of Zoology, Lady Brabourne College in SEM-I (2016).
- Guest lecturer of Post Graduate Department of Zoology in Vidyasagar College. (03.09.2014 to 04.12.14).

RESEARCH EXPERIENCE:

- Junior Research Fellow for 2 years (29.04.14 to 29.04.16) in a major project of National Tea Research Foundation, Tea Board, India.
- Senior Research Fellow in the same project for 1 year (30.04.16 to 29.04.17).

Publications:

- Black Tea (*Camellia sinensis*) extract induced changes on placenta can alter fetal and neonatal bone health in experimental animal model. **Avijit Dey**, Antony Gomes, Kaustav Chakraborty, Subir Chandra Dasgupta, Turkish Journal of Pharmaceutical Sciences (**communicated**).
- Effect of black tea (*Camellia sinensis*) extract on thyroid physiology during pregnancy in experimental animal model. **Avijit Dey**, Ritwika Chatterjee, Mousumi Das, Monalisa Sinha, Rimita Saha, Baishakhi Pal, Subir Chandra Dasgupta, Proceedings of Zoological Society (**communicated**).
- Anti-fibrotic effect of black tea (*Camellia sinensis*) extract in experimental pulmonary fibrosis. Kaustav Chakraborty, **Avijit Dey**, Arindam Bhattacharyya and Subir Chandra Dasgupta, Tissue and Cell, 56: 14-22, 2018.
- Black tea (*Camellia sinensis*) extract induced prenatal and postnatal toxicity in experimental albino rats. **Avijit Dey**, Antony Gomes and Subir Chandra Dasgupta, Pharmacognosy Magazine, 13(52): S769-S774, 2018.
- Black Tea (*Camellia sinensis*) Extract induced changes in blood and liver parameters on pregnant and lactating experimental albino rats. **Avijit Dey**, Antony Gomes and Subir Chandra Dasgupta. Proceedings of Zoological Society, 2017.
- Sustaining immunity during starvation in bivalve mollusc: A costly affair. Elizabeth Mahapatra, Dishari Dasgupta, Navodipa Bhattacharya, Suvroto Mitra, Debakana Banerjee, Soumita Goswami, Nabanita Ghosh, **Avijit Dey** and Sudipta Chakraborty. Tissue and Cell, 49: 239-248, 2017.

Presentations:

- Poster: Presented entitled “**Black tea (*Camellia sinensis*) extract ameliorates lung inflammation and fibrosis**” in a National Level Seminar on ‘Science and Technology: Rural Development’ jointly organised by Indian Science Congress Association, Kolkata Chapter and Surendranath College, Kolkata, held on January 20-21, 2020.
- Poster: Presented entitled “**Effect of Black Tea Extract on Thyroid Physiology and Reproductive Health in Pregnant Wistar Albino Rats**” in India International Science Festival 2019 in ‘Young Scientist’s Conference’ Kolkata, India, held on November 5-8, 2019.
- Poster: Presented entitled “**Effect of High dose of black tea extract on physiological parameters of mothers and pups**” in International Level Seminar entitled ‘Recent Trends in Microbiology’ organised by Department of Microbiology, Ramakrishna Mission Vidyamandira, India, held on January 14, 2017.
- Presented a poster in the One-Day UGC Sponsored National Level Seminar on ‘From Molecules to Ecosystem – A Zoological Perspective’ organized by the Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara on September 22, 2016.
- Poster: Presented entitled “**Influence of black tea extract on physiological parameters of mother and pups in experimental rodents**” in 2nd National Convention of the society for Ethnopharmacology and the National Seminar on “Integrated Approaches for Promotion and Development of Herbal Medicine” organized at the School of Natural Product Studies, Jadavpur University, India, held on December 5-6, 2015.
- Poster: Presented entitled “**High dose of black tea extract induced prenatal and postnatal changes in experimental animals**” in 3rd International Conference and Exhibition on Pharmacognosy, Phytochemistry and Natural Products organized by OMICS International, Hyderabad, India, held on October 26-28, 2015. (**Best Poster Award**)

SKILLS AND KNOWLEDGE:

1. Invertebrate and vertebrate dissections, Taxidermy, Identifications of microscopic and macroscopic animals.

2. Drosophila culture, preparation of polytene chromosome, identification of meiotic stages from testis of grasshopper. Chromosome preparation and mitotic index from bone marrow of rat.
3. Histology of tissue and organ: tissue block preparation, H-E staining.
4. Biochemistry practical: Lowry's colorimetric method, Qualitative test of carbohydrate, protein, urea, uric acid.
5. Ecological methods: Use of pH meter for estimation of pH in water and soil samples, Study of micro arthropods of water and soil samples, Determination of dissolved O₂, free CO₂ of water.
6. Isolation, staining, identification of parasites from different animals.
7. Haematological studies: total count of RBC and WBC, differential count, haemoglobin estimation.
8. Bacteria culture, Gram staining, ABO blood grouping.

LANGUAGES KNOWN:

- English : [Read/Write/Speak]
- Bengali : [Read/Write/Speak]
- Hindi : [Speak]

TECHNICAL KNOWLEDGE:

Computer knowledge	Proficient in Microsoft Office
Operating System	Windows7, Windows 10

PERSONAL DETAILS:

Permanent Address	188, Arabinda Sarani, Subuddhipur, P.O. +P.S. - Baruipur, Kolkata - 700144.
Current Address	C/O Sudhanshu Sk Sarkar, Sonajhil, Ghasiara, P.O. +P.S. - Sonarpur, Kolkata - 700150
Father's Name	Ramakanta Dey
Present Status	Head, Department of Zoology, Ramakrishna Mission Vidyamandira.
Sex	Male
Marital Status	Married
Nationality	Indian
Date of Birth	12.09.1987

AREAS OF INTEREST:

Wildlife Photography, History, Music.

DECLARATION:

I hereby declare that the above mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.