

CURRICULUM VITAE



NAME : **DR. SAIKAT ROY**
FATHER'S NAME : **SRI SWAPAN ROY**
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DATE OF BIRTH : **30.09.1983**
NATIONALITY : **INDIAN**
SEX : **MALE**
RELIGION : **HINDU**
CATEGORY : **GENERAL**
MARITAL STATUS : **MARRIED**
ACADEMIC QUALIFICATIONS :

NAME OF EXAMINATION PASSED	YEAR OF PASSING	BOARD/COUNCIL /UNIVERSITY	SUBJECTS STUDIED	% OF MARKS OBTAINED	DIV. /CLASS
B. Ed.	2010	C.U.	LIFE SCIENCE, ENGLISH	75.8	1st
M. Sc.	2007	C.U.	ZOOLOGY	80.2	1st
B. Sc.	2005	C.U.	ZOOLOGY (HONS.) BOTG, PHYG, ENGC, BNGM, ENVS	65.25	1st
HIGHER SECONDARY (+2 LEVEL)	2002	WBCHSE	BNGA, ENGB, CHEM, MATH, PHYS, BIOS	71.4	1st
MADHYAMIK PARIKSHA (+10 LEVEL)	2000	WBBSE	BENG, ENG, MATH, PSC, LSC, HIST, GEO, BK	80.625	1st

ELIGIBILITY TESTS QUALIFIED : **TEACHER ELIGIBILITY TEST (TET) 2011** (CONDUCTED BY THE WEST BENGAL SCHOOL SERVICE COMMISSION)

STATE ELIGIBILITY TEST (SET) 2015 (CONDUCTED BY THE WEST BENGAL COLLEGE SERVICE COMMISSION)

RESEARCH DEGREE (Ph.D.) : **DOCTOR OF PHILOSOPHY (Ph.D.)** IN ZOOLOGY FROM THE UNIVERSITY OF BURDWAN, 2023

Ph.D. THESIS TITLE :

☞ **COMPARATIVE ANALYSIS OF STRESS RESPONSIVENESS IN BANDED GOURAMI, *TRICHOGASTER (COLISA) FASCIATA* EXPOSED TO CADMIUM AND LEAD.**

RESEARCH PUBLICATIONS

:

- ✎ **ROY S, KARMAKAR D, PAL S**, 2022, 'ACUTE TOXICITY BIOASSAY AND DETERMINATION OF LC₅₀ OF CADMIUM CHLORIDE IN *TRICHOGASTER (COLISA) FASCIATA*', *APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY*. 194, 3890-3900.
- ✎ **ROY S, PAL S, KARMAKAR D**, 2021, 'VALIDATION OF MEDIAN LETHAL CONCENTRATION OF LEAD CHLORIDE IN BANDED GOURAMI, *TRICHOGASTER (COLISA) FASCIATA*, BY ACUTE TOXICITY BIOASSAY', *UTTAR PRADESH JOURNAL OF ZOOLOGY*. 42(15): 131-136.
- ✎ **PAL S, ROY S, BISWAS S, SADHUKHAN T**, 2021, 'EFFECTS OF HEAVY METALS ON LATA FISH, *CHANNA PUNCTATUS*, EXPOSED TO THERMAL EFFLUENT WATER' *UTTAR PRADESH JOURNAL OF ZOOLOGY*. 42(18): 7-17.

TEACHING EXPERIENCE

:

STATE AIDED COLLEGE TEACHER (SACT) CATEGORY 1 (UGC CATEGORY) IN ZOOLOGY AT MAHARAJA MANINDRA CHANDRA COLLEGE, KOLKATA (SINCE FEBRUARY 01, 2008).

SYMPOSIA, SEMINARS, WEBINARS AND WORKSHOPS ATTENDED:

- ☯ 'UGC-SPONSORED NATIONAL SYMPOSIUM ON CURRENT TRENDS IN ZOOLOGICAL RESEARCH' HELD ON MARCH 09 AND 10, 2007 (ORGANISED BY DEPARTMENT OF ZOOLOGY, PRESIDENCY COLLEGE).
- ☯ 'UGC-SPONSORED NATIONAL SEMINAR ON FAUNAL DIVERSITY: STATUS, UTILIZATION AND IMPACT ON HUMAN HEALTH' HELD ON FEBRUARY 16, 2008 (ORGANISED BY DEPARTMENT OF ZOOLOGY, UNIVERSITY OF CALCUTTA).
- ☯ 'UGC-SPONSORED NATIONAL LEVEL SEMINAR ON RECENT ADVANCES IN GENETICS AND MOLECULAR BIOLOGY, BIOTECHNOLOGY BIOINFORMATICS' HELD ON NOVEMBER 21 AND 22, 2008 (ORGANISED BY DEPARTMENTS OF ZOOLOGY AND BOTANY, VIDYASAGAR COLLEGE).
- ☯ 'UGC-SPONSORED NATIONAL SEMINAR ON STRESS, DRUG DEVELOPMENT AND NANOTECHNOLOGY' HELD ON MARCH 05 AND 06, 2009 (ORGANISED BY DEPARTMENTS OF BOTANY, CHEMISTRY AND ZOOLOGY, BETHUNE COLLEGE).
- ☯ 'UGC-SPONSORED NATIONAL LEVEL SEMINAR ON NATURAL AND ANTHROPOGENIC HAZARDS OF ENVIRONMENT' HELD ON DECEMBER 09 AND 10, 2011 (ORGANIZED BY DEPARTMENT OF ZOOLOGY, VIDYASAGAR COLLEGE).
- ☯ 'UGC-SPONSORED NATIONAL CONFERENCE ON BIOPHYSICS: IMPACT ON TODAY'S SOCIETY' HELD ON SEPTEMBER 07 AND 08, 2016 (ORGANIZED BY DEPARTMENTS OF ZOOLOGY AND PHYSICS, VICTORIA INSTITUTION COLLEGE).
- ☯ 'UGC-SPONSORED NATIONAL SEMINAR ON RECENT ADVANCES IN BIOLOGICAL SCIENCES' HELD ON FEBRUARY 17 AND 18, 2017 (ORGANIZED BY DEPARTMENT OF MICROBIOLOGY, GURUDAS COLLEGE).
- ☯ 'AN INTERNATIONAL CONFERENCE ON THE RECENT ADVANCES IN MOLECULAR BIOLOGY, ECOLOGY AND CONSERVATION' HELD ON NOVEMBER 02, 03 AND 04, 2017 (ORGANIZED BY DEPARTMENT OF ZOOLOGY, RAJA PEARY MOHAN COLLEGE).
- ☯ 'TWO-DAY NATIONAL SEMINAR ON FUTURE INDIA: SCIENCE AND TECHNOLOGY' HELD ON FEBRUARY 27 AND 28, 2019 (ORGANIZED BY INDIAN SCIENCE CONGRESS ASSOCIATION IN COLLABORATION WITH CITY COLLEGE).
- ☯ 'STATE LEVEL WEBINAR ON RECENT TRENDS IN AQUACULTURE AND VIRUS: NEW CHALLENGES TO MANKIND' HELD ON JUNE 22, 2020 (ORGANIZED BY DEPARTMENT OF ZOOLOGY, HOOGHLY MOHSIN COLLEGE).
- ☯ 'NATIONAL ONLINE SEMINAR ON COVID-19 PANDEMIC – CHALLENGES AND CONQUEST FOR STUDENTS' HELD ON JUNE 26, 2020 (ORGANIZED BY DEPARTMENTS OF ZOOLOGY AND CHEMISTRY, CITY COLLEGE).

- ☞ 'TWO DAYS INTERNATIONAL WEBINAR ON BIODIVERSITY AND SUSTAINABLE DEVELOPMENT IN HUMAN WELFARE' HELD ON JULY 29 AND 30, 2020 (ORGANIZED BY WEST BENGAL BIODIVERSITY BOARD IN COLLABORATION WITH BIJOY KRISHNA GIRLS' COLLEGE).
- ☞ 'STATE LEVEL WEBINAR ON BIODIVERSITY CONSERVATION AND HUMAN WELFARE' HELD ON AUGUST 26, 2020 (ORGANIZED BY DEPARTMENT OF ZOOLOGY, NEW ALIPORE COLLEGE).
- ☞ 'NATIONAL WEBINAR ON TRANSLATION: ZOOLOGY TO LIVELIHOOD' HELD ON SEPTEMBER 07, 2021 (ORGANIZED BY DEPARTMENT OF ZOOLOGY, CITY COLLEGE).

PRESENTATIONS IN SYMPOSIA, SEMINARS, WEBINARS:

- ☞ SOME OBSERVATIONS ON THE SEED-DISPERSAL OF *MELIA DUBIA* BY ANIMALS IN RAJIB GANDHI NATIONAL PARK, NAGARAHOLE, KARNATAKA.
- ☞ CHEMICAL ANALYSIS OF TERMITE MOUND SOILS OF RAJIB GANDHI NATIONAL PARK, NAGARAHOLE, KARNATAKA.
- ☞ COMPARATIVE ANALYSIS OF FEEDING INTENSITY OF THREE CONGENERIC CARP FISHES COMMONLY FOUND IN WEST BENGAL FROM ANATOMICAL, HISTOLOGICAL, BIOCHEMICAL AND GENETIC PERSPECTIVES – A PRELIMINARY STUDY.
- ☞ A PRELIMINARY STUDY TO TRACE THE EXTENT OF GENETIC RELATEDNESS THROUGH ISOZYME POLYMORPHISM FROM GILL AND LIVER TISSUES AND ITS CORRELATION WITH HISTOLOGICAL ORGANIZATION OF THOSE TISSUES OF ONE FRESH WATER AND ONE SALINE WATER CONGENERIC BAGRID CATFISHES FOUND IN NATURAL POPULATIONS.
- ☞ A PRELIMINARY COMPARATIVE STUDY ON THE FOOD PREFERENCE OF FOUR ORNAMENTAL FISHES.
- ☞ MILIDOSE EFFECT OF CALCIUM CHLOROHYPOCHLORITE (BLEACHING POWDER) ON *OPHIOCEPHALUS (CHANNA) PUNCTATUS* (BLOCH, 1793) AND ITS AMELIORATION BY *HYGROPHILA POLYSERMA* – A PRELIMINARY STUDY.
- ☞ EFFECT OF *HYGROPHILA POLYSERMA* (KULEKHARA) LEAF EXTRACT TREATMENT ON BLEACHING POWDER INDUCED TOXICITY IN *OPHIOCEPHALUS (CHANNA) PUNCTATUS* (BLOCH, 1793) – A PRELIMINARY STUDY.
- ☞ EFFECTS OF CADMIUM TOXICITY IN AQUATIC LIFE, WITH SPECIAL EMPHASIS ON FISH – A MINI-REVIEW.

DISSERTATION :

- ☞ DISTRIBUTION, RELATIVE ABUNDANCE AND FORAGING PATTERNS OF INDIAN LEOPARD (*PANTHERA PARDUS FUSCA*).

SCHOLARSHIP OBTAINED : NATIONAL SCHOLARSHIPS SCHEME, 2003

COMPUTER COURSE COMPLETED : CITA [GOVT. OF WEST BENGAL]

LANGUAGE PROFICIENCY :

SPOKEN AND WRITTEN- ENGLISH AND BENGALI

DATED: _____

(DR. SAIKAT ROY)