

St. Edmund's College Department of Zoology

- Name of the Department: Zoology Department
- Year of Establishment: 1962
- Names of the Programmes/Courses offered: Under-graduate Honours in Zoology and Zoology as General papers for students from other Life Sciences honour courses.
- Names of Interdisciplinary courses: The Department teaches Zoology as a general paper to other student of Life Sciences.
- Annual/Semester/Choice based credit system: Annual system, semester system (June 2015).
- Participation of the Department in the Courses offered by other Departments: Honours students of the Department take as general paper other life sciences subjects.
- Courses in collaboration with other Universities, industries, foreign institutions, etc.: No direct collaboration but when need arise the Department visits agencies to expand the knowledge of the students.
- Number of Teaching posts:

	Sanctioned	Filled
Associate Professors	1 (one)	yes
Assistant Professors	3 (three) 1 (one) –	Yes yes

- Faculty profile with name, qualification, and specialization:

Name	Qualification	Designation	Specialization	No. of Years of Experience
Mr. Lovelystar Lyngdoh	M.Sc.	Associate Professor	Limnology	18 years
Mr. Dioneas A. War	M.Sc., NET (JRF)	Assistant Professor	Cell Biology	8 years
Dr. Ronald K L Tron	M.Sc., NET (JRF), Ph.D.	Assistant Professor	Genetics	7 years
Dr. Duwaki Rangad	M.Sc., Ph.D.	Assistant Professor	Developmental Biology	6 years
Mr. D.A. Rabha	M.Sc., NET (JRF)	Assistant Professor	Entomology	6 years

- Number of academic support staff (technical) sanctioned and filled: 1 (one)
- Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:
 - i. DBT STAR COLLEGE SCHEME from 2009 onwards till date.

➤ Publications:

* a) Publication per faculty

Name of Faculty	Publications per faculty	No. of publications in peer reviewed journals	Books with ISBN/ISSN (Proceedings)
Dr. Duwaki Rangad	4	4	
Dr. Ronald K. L. Tron	2	2	

➤ Student projects:

2009-2013

1. Caves and its life forms
2. Project report on mental retardation in association with KRIPA FOUNDATION
3. Project on Beetlenut cultivation in Jaintia Hills
4. A project report on the Effects of coal mining in Jaintia Hills
5. A project on Pollution with respect to our State capital
6. Water quality assessment of Umkhras and Umshyrpi water bodies

➤ Seminars/Conference/Workshop organized & the source of funding

Title	Date and Year	Source of Funding
1. "Some aspect of Zoology with special emphasis on developmental biology"- A hands on approach (for class XII school students)	6 th and 7 th August 2009	DBT, New Delhi.
2. "Pig Farming" in collaboration with the Department of Animal Husbandry and Veterinary Science, Govt. of Meghalaya.	21 st October 2009	DBT, New Delhi.
3. A workshop on "Blood Grouping" in Seng Khasi College Shillong.	12 th - 14 th June 2009	
4. A workshop on "Poultry Farming" in collaboration with the Department of Animal Husbandry and Veterinary Science, Govt. of Meghalaya.	7 th August 2014	DBT, New Delhi

- Student profile programme/course wise:

(i) Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
Bachelor of Science (Zoology Hons)	60%	40%	Nil

- How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services, etc.? NET : 12

- Student progression

Student progression	Against % enrolled
UG to PG	85%
PG to M. Phil	None
PG to Ph.D.	60%
Ph.D. to Post-Doctoral	
Employed	
i. Campus selection	
ii. Other than campus recruitment	
Entrepreneurship/Self-employment	

- Details of Infrastructural facilities:

(a) LCD Projector, OHP, Department Laptop & Desktop, Printer.

(b) Simple microscopes, Compound microscopes, Binocular microscopes, Trinocular microscopes, Projector microscope.

(c) Microtome, Incubator, Hot water bath, Chromatography chamber, Hot Air Oven, Digital Balance, Double distillation flask, Soil & Water Testing Kit, Conductivity meter, Spectrophotometer, Refrigerator etc.

(d) Chemicals

- Details of students enrichment programmes (special lecturers/ workshops/ seminar) with external experts:

(a) A talk on “Caves of Meghalaya” by Shri Brian Kharpran, President of the Meghalaya Adventures Association on August 2009.

(b) A talk on the “Faunal Diversity and preservation ethics of Sikkim” by Madam Usha Lachungpa, Director, Department of Forest & Environment, Govt. of Sikkim.

- Teaching methods adopted to improve student learning: Lectures with the help of OHP, LCD projectors and conventional chalk and duster.

- Participation in Institutional Social Responsibility (ISR) and Extension activities: Active participation in NCC, NSS, RRC, etc.

- SWOC analysis of the department and Future Plans

Strength: Dedication of the Staff (teaching and associate staff) of the department to the duties assigned to.

Weakness: none

Opportunities: to avail every opportunities that come our way.

Challenges: to sustain and making an improvement in executing our duties to the best of our abilities.