

1. Name of the department----- ZOOLOGY
2. Year of Establishment----- GENERAL- 2002, HONOURS-2009
3. Names of Programmes / Courses offered---- UG UNDER UNIVERSITY OF CALCUTTA
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: Some classes Geography departments are taken by our faculty members, when invited.
7. Participation of the department in the courses offered by other departments----NA
8. Courses in collaboration with other universities, industries, foreign institutions, etc.-- PG DISTANT COURSES UNDER VIDYASAGAR UNIVERSITY
9. Details of courses/programmes discontinued (if any) with reasons---NA
10. Number of Teaching posts

	Sanctioned	Filled
Professors Associate	NONE	NONE
Professors	NONE	NONE
Asst. Professors	1	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
DR. INDRANEEL SAHA	M.Sc. NET PhD	ASSISTANT PROFESSOR AND HEAD	ENDOCRINOLOGY	8YEARS 3 MONTHS	NONE
DR. RUPANWITA BISWAS	M.Sc. PhD	GOVT APPROVED CONTRACTUAL FULL TIME	CYTOGENETICS AND MOLECULAR BIOLOGY	5 YEARS	NONE
SMT.RITUPARNA SARKAR	M.Sc.	GOVT APPROVED PART TIME	FISHERY	7 YEARS	NONE
SMT. BARNALI SARKAR	M.Sc. M.Phil	GOVT APPROVED PART TIME	ECOLOGY	6YEARS	NONE
DR. NILOY KUNDU	M.Sc. Ph.D	GUEST LECTURER	CELL BIOLOGY	3YEARS	NONE
SRI. SUVAJIT DEY	M.Sc.	GUEST LECTURER	ENDOCRINOLOGY	3YEARS	NONE
SRI. RAKESH NASKAR	M.Sc.	GUEST LECTURER	PARASITOLOGY AND IMMUNOLOGY	3YEARS	NONE

11. List of senior visiting faculty--NONE

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty ---DEPARTMENT HAS THREE GUEST FACULTIES EACH TAKING TEN CLASSES PER WEEK OF WHICH SEVEN ARE THEORY AND THREE ARE PRACTICAL CLASSES.

13. Student -Teacher Ratio (programme wise) –GENERAL 20:1 HONOURS13:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and

filled ----ONE CASUAL TECHNICAL STAFF

15. Qualifications of teaching faculty with DSc—NONE

D.Litt—NONE

Ph.D—THREE

MPhil –ONE

PG.-- THREE

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received---NONE

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received –NONE

18. Research Centre /facility recognized by the University-- NONE

19. Publications:
SEE ANNEXURE

Areas of consultancy and income generated

- 20. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards.... NONE
- 22. Student projects ----NONE
 - a. Percentage of students who have done in-house projects including inter departmental/programme
 - b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies
- 23. Awards / Recognitions received by faculty and students----NONE
- 24. List of eminent academicians and scientists / visitors to the department ----NONE

- 25. Seminars/ Conferences/Workshops organized & the source of funding NONE
 - a. National
 - b. International
- 26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
HONOURS	250	27	17	10	100%
GENERAL			59		72.88%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
HONOURS	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? NONE

29. Student progression

Student progression	Against % enrolled
UG to PG	54% IN 2012,23% IN 2013,44%IN 2014
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
<p>Employed</p> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	2012 BATCH FOUR STUDENTS ARE EMPLOYED SEVERAL GENERAL STUDENTS ARE WORKING AS MEDICAL REPRESENTATIVES
Entrepreneurship/Self-employment	NIL

30. Library:

Central Library

No. of books: 250

Seminar Library with reading and borrowing facilities

No. of books: 150

b. Internet facilities for Staff & Students: Desktop and Laptop Computers with wireless Broadband

c. Class rooms with ICT facility: i) Overhead projector

d. Laboratories: The three laboratories are equipped with refrigerator, clinical centrifuge, table top centrifuge, digital balance, magnetic stirrer, cyclomixer, gel apparatus, rocker, binocular microscope, microtome, hot plate, pH meter, digital colorimeter, light microscope along with simple and compound microscopes , stage and ocular micrometers for all students as well as a good collection of permanent slides,bones and preserved jar specimens.

31. Number of students receiving financial assistance from college, university, government or other agencies:

B.Sc. (Honours): 5 (SC stipend) B.Sc (General) : 7 (SC stipend)

32. Details on student enrichment programmes (special lectures workshop / seminar) with

external experts: Nil

33. Teaching methods adopted to improve student learning:
 - i) Mostly chalk and talk to seek attention of every student.
 - ii) Use of overhead projectors especially to show diagrams.
34. Participation in Institutional Social Responsibility (ISR) and Extension Activities: Nil
35. SWOC analysis of the department and Future plans:

The department is successfully conducting the B.Sc. (General) Course of the University of Calcutta since 2002. The B.Sc.(Honours) course has been introduced in the session 2009-2010 and its fourth batch is about to graduate.

The Department has its own seminar library with a good collection of valuable reference books. Its lending library, integrated with the main college library, allows students to borrow sufficient books for their academic needs. The sincerity and efficiency of our faculty members is lauded throughout the college. Three of our faculty members hold Ph.D. degrees from premier Institutes and have a very good research career behind them. One of the faculties has M.Phil and pursuing Ph.D. Others hold post-graduate degrees. Lectures and practical classes are held with utmost regularity and meticulous care. Overhead projectors are used regularly for lectures. A computer facility with wireless broadband internet access is provided to faculty and students. The laboratory is well equipped with scientific instruments and specimens as mentioned earlier. Excursions and field studies are organised regularly as prescribed in the Syllabus.

The glory of the department is its bundle of students who did M.Sc. and doing M.Sc. The department is proud of its academic performance in honours as it produces several students attaining first class for the last three years.

The Department is at present in the process of expanding its academic activities. The B.Sc. (Honours) course has gained foothold. The M.Sc.(Distance Education) course of the Directorate of Distance Education, Vidyasagar University, West Bengal is about to be introduced from the current session (2014-2015).

We also intend to improve our research infrastructure to become self-sufficient as much as possible.. We are making efforts to procure funds to purchase some sophisticated research instruments like a Elisareader, sonicator etc. In future, we aspire to introduce a regular M.Sc. course and offer facilities for Ph.D. research to qualified candidates.

DR. INDRANEEL SAHA

NO. OF PAPERS 07

Citation indices	All	Since 2010
Citations	67	52
h-index	3	3
i10 index	2	1

List Publications:

1. Saha I, Das J, Maiti BR, Chatterji U.(2014?) A Protective Role of Arecoline Hydrobromide in Experimentally Induced Male Diabetic Rats. *BioMed Research International*. <http://dx.doi.org/10.1155/2015/136738> (*Citations 0 *IF 2.706)
2. Saha I, Chatterjee A, Mondal A, Maiti BR, Chatterji U. (2011) Arecoline augments cellular proliferation in the prostate gland of male Wistar rats. *J Toxicology and Applied Pharmacology*.255 (2):160-8. (*Citations 9 *SNIP 1.376 *SJR 1.569 *IF 4.141)
3. Pradhan D, Saha I, Chatterjee A, Mondal A, Sarkar S, Maiti BR. (2011) Alterations of circadian rhythms of thyroid-stimulating hormone, thyroid, adrenal and insulin hormones, and blood glucose profiles following lithium treatment in alternate Light-Dark, constant Light and constant Dark regimens in rats. *Biol. Rhy. Res.* 43 (3), 301-322 (*Citations 0 *SNIP 0.416 *SJR 0.173 *IF 0.654)
4. Saha I, Chatterji U, Chaudhuri-Sengupta S, Nag TC, Nag D, Banerjee S, Maiti BR. (2007) Ultrastructural and hormonal changes in the pineal-testicular axis following arecoline administration in rats. *J Exp Zool Part A Ecol Genet Physiol.* 307(4): 187-98. (*Citations 13 *SNIP 0.640 *SJR 0.540 *IF 1.27)
5. Saha I, Chatterji U, Chaudhuri_Sengupta S, Maiti BR. (2007) Suppression of circadian rhythm of pineal and testicular hormones following lithium treatment in normal and reversed light-dark cycles, constant light and constant dark in rats. *Biol. Rhy. Res.* 38 (1): 19-32. (*Citations 2*SNIP 0.377 *SJR 0.195 *IF 0.545)
6. Dasgupta R, Saha I, Pal S, Bhattacharyya A, Sa G, Nag TC, Das T, Maiti BR. (2006) Immunosuppression, hepatotoxicity and depression of antioxidant status by arecoline in albino mice. *Toxicol.* 227(1-2): 94-104. (*Citations 43 *SNIP 1.355 *SJR 1.021*IF 3.048)