

Departmental Report

Session 2017 - 18

Part – A

Name of the Department:

- Date of Establishment: 1986
- Name of HOD: Dr. S. K. Bhuyan
- Designation: Associate Professor
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2. Departmental status:

- Affiliated /Constituent: Affiliated
- Date of Affiliation: 1994

Part-B

CRITERION I -CURRICULAR ASPECTS		
1.1 Curriculum Planning and Implementation		
1.3.2 Field Projects / Internships under taken during the year		Nil
Year	Project/Programme Title	No. of students enrolled for Field Projects / Internships
2017-18	A Preliminary Study of Medicinal Plants used by the different Ethnic groups of Dhupdhara areas of Goalpara District, Assam	01
	A Preliminary Study on various types of Snails of Boko area, Kamrup, Assam	01
	Study of Butterfly Diversity of Dhupdhara area in Goalpara District of Assam.	01
	A Preliminary Study on Avifaunal Diversity of Dhupdhara area in Goalpara District of Assam.	01
	Study of Butterfly Diversity of North Boko area in Kamrup district, Assam	01
	A Preliminary Study on Fish Diversity of Dighaldoba Beel, Boko, Assam.	01
	Abundance and Diversity of Dragonfly in West Boko area, Kamrup Distric, Assam	01
	A Preliminary Study on Butterfly Diversity of Khaliha village Kamrup, Assam.	01
	A Preliminary Study on Vermicompost with the help of three different types of Earthworms.	01
	Study of Spider Diversity of North Boko area of Kamrup District, Assam.	01
	Study of Fishing Gears and its efficiency.	01
	A Study on Current Status in Ericulture in no.2 Dilinga village, Boko, Kamrup, Assam	01
	A Preliminary Study on Vegetable Pests of North Boko areas of Kamrup	01

	District, Assam.	Total = 13
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1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes/ No	Yes/ No	Yes/ No	Yes/ No	Yes/ No

CRITERION II –TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Year	Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
2017-2018	B.Sc.	Major : 20 General: 75	50 75	15 79

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data) 1:51

Year	Number of students enrolled in the Department(UG)	Number of students enrolled in the Department (PG)	Number of fulltime teachers available in the department teaching only UG courses	Number of fulltime teachers available in the Department teaching only PG courses	Number of teachers teaching both UG and PG Courses
2017-18	Sem-I: (M) – 15, (G) - 79	N/A	04	N/A	N/A
	Sem III: (M) – 19, (G) - 50		04	N/A	N/A
	Sem V: (M) – 13, (G) - 31		04	N/A	N/A

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Year	Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques Used
2017-18	04	04	LCD Projector			

2.3.2 Students mentoring system available in the Department? Give details. (maximum 500 words)

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2.4 Teacher Profile and Quality						
2.4.1 Number of full time teachers appointed during the year						
No. of sanctioned positions	No. of filled positions		Vacant positions		Positions filled during the current year	No. of faculty with Ph.D.
04	04		Nil		Nil	03
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)						
Year of award		Name of full time teachers receiving awards from state level, national level, international level			Designation	Name of the award, fellowship, received from Government or recognized bodies
		Nil				
2.6 Student Performance and Learning Outcomes						
2.6.2 Pass percentage of students (Major and General/ Regular)						
Year	Program me Code	Programme	Number of students appeared in the final year examination		Number of students passed in final semester/year examination	Pass Percentage
2017-18	B.Sc.	B Sc.(Major)	13		13	100%
		B Sc(General)	26		26	100%
CRITERION III -RESEARCH, INNOVATIONS AND EXTENSION						
3.1 Resource Mobilization for Research						
3.1.1 Research funds sanctioned and received from various agencies, industry and other organizations						
Nature of the Project		Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year	
Major projects		NIL				
Minor Projects		NIL				
Interdisciplinary Projects		NIL				
Industry sponsored Projects		NIL				
Projects sponsored by the University/ College		NIL				

Students Research Projects (other than compulsory by the College)	NIL					
International Projects	NIL					
Any other(Specify)	NIL					
Total						
3.2 Innovation Ecosystem						
3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year						
Title of Workshop/Seminar	Name of the Dept.		Date(s)			
Nil						
3.2.2 Awards for Innovation won by /Teachers/Research scholars/Students during the year						
Title of the innovation	Name of the Awardees	Awarding Agency	Date of Award	Category		
Nil						
3.3 Research Publications and Awards						
3.3.1 Incentive to the teachers who receive recognition/awards						
State	National		International			
Nil						
3.3.2 Ph. Ds awarded during the year (applicable for PG College, Research Center)						
Name of the Department		No. of Ph. Ds Awarded				
NA						
3.3.3 Research Publications in the Journals notified on UGC website during the year 2017-2018						
	Department	No. of Publication	Average Impact Factor, if any			
National	Zoology	00				
International	Zoology	01				
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department		No. of publication				
Zoology		01				
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : 2017-18						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations

Golden langur, <i>Trachypithecus geei</i> Khajuria, 1956.	Rekha Chetry	Primates in Peril: The World’s 25 most endangered Primates2016-2018.	2017		Department of Zoology, J. N. College, Boko	
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : 2020-2021						
3.3.6 h-index of the Departmental Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Golden langur, <i>Trachypithecus geei</i> Khajuria, 1956	Rekha Chetry	Primates in Peril: The World’s 25 most endangered Primates2016-2018.	2017			Department of Zoology, J. N. College, Boko
3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :2017-2018						
No. of Faculty	International level	National level		State level		Local level
03	X	05		X		X
3.5 Collaborations						
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the Year						
Nature of Activity		Participant	Source of financial support		Duration	
Nil		Nil	Nil		Nil	
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year						
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details			Duration (From-To)	participant
Nil						
corporate houses etc. during the year						
Organization	Date of MOU signed	Purpose and Activities	Number of students/teachers participated under MOUs			
Nil						
CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES						
4.1 Physical Facilities						
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year						

Budget allocated for infrastructure augmentation		Budget utilized for infrastructure development				
4.1.2 Details of augmentation in infrastructure facilities during the year(2017-2018						
Facilities		Existing		Newly added		
Departmental area		2518 Sq.ft.				
Class rooms		02				
Laboratories		02				
Classrooms with LCD facilities		01				
Classrooms with Wi-Fi/ LAN		02				
Seminar halls with ICT facilities		NIL				
Video Centre		NIL				
No. of important equipments purchased (≥ 1-0 lakh) during the current year.						
Value of the equipment purchased during the year (Rs. in Lakhs)						
Others(Laboratory upgradation)						
4.2 Library as a Learning Resource						
4.2.1 Departmental Library Services: (2017-18)						
	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value in Rs
Text Books	248		11	2920/-	259	
Reference Books	38		2	1165/-	40	
e-Books						
Journals						
e-Journals						
Others (specify)						

5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to

2017-18	01			Assam Don Bosco University	M.Sc. in Zoology
	01			Assam Don Bosco University	M.Sc. in Zoology
	01			Kochbehar , West Bengal	B.Ed.
	04			College of Education , Boko	B.Ed.
	01			Chhaygaon KRB College of Education	B.Ed.
	Total=08(61.53%)				

5.2.3 Students qualifying in state/ national/ international level examinations during the year(eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

5.2.4 Sports and cultural activities / competitions organized at the institution level during the year

Activity	Level	Participants

5.3 Alumni Engagement in the Department:

5.3.3 Departmental Alumni contribution during the year (in Rupees) :

Nil

5.3.4 Meetings/activities organized by Departmental Alumni Association :

Nil

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017- 2018	Nil			

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Nil		
6.3.4 Faculty and Staff recruitment (No. for permanent/fulltime recruitment):		
Teaching		Non teaching
Permanent	Fulltime	Permanent Fulltime/temporary
Nil		
6.3.5 Welfare schemes for		
Teaching		Nil
Non teaching		Nil
Students		Nil

Record of Admitted students: 2017-2018

Class	Male	Female	Total	General	SC	OBC/MOBC	ST(H)/ST(P)
TDC 1 st Sem (Major/Honours)	06	09	15	08		03	04
TDC 1 st Sem Regular	62	17	79	43	04	08	24
TDC 3 rd Sem (Major/Honours)	07	10	17	07	01	01	08
TDC 3 rd Sem Regular	42	07	49	35	05	03	06
TDC 5 th Sem (Major/Honours)	09	04	13	06	03	02	02
TDC 5 th Sem Regular	30	01	31	20	4	-	7

Signature of HOD

(Dr. Susanta Kumar Bhuyan)