

Departmental Report
Session: 2019 - 20

Part – A

Name of the Department:

- Date of Establishment: 1986
 - Name of HOD: Dr. Tapan Kumar Deka
 - 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
2019-2020	Indigenous Traditional Techniques associated with Fish Preservation and Processing	01
	A Preliminary Study on the Economic Status of Muga Silkworm in Boko Area.	01
	Studies on the Traditional Medicinal Plant Species of Telipara and Baghargaon, Assam	01
	Study of Fish Diversity of Wetlands of Rangjuli Area of Goalpara District of Assam.	01
	Fish Preservation and Processing Techniques among Boro Community of Dhupdhara Area, Goalpara, Assam	01
	A Preliminary Study on Household solid waste management (SWM) in Dhupdhara Area of Goalpara District.	01
	A Preliminary Study on Fishing Gear in Dhuopdhara Area of Goalpara District.	01
	Fish Preservation and Processing Techniques among Rabha Community of Boko Area, Kamrup, Assam	01
	Studies on the Traditional Medicinal Plant Species of Nizbogai and Baghargaon, Assam	01
	A Preliminary Study on Women involvement in Muga silkworm in Boko Area.	01
	Indigenous Technique Knowledge Associated in Muga silkworm culture in Boko Area.	01
	A Preliminary Study on Diversity of Fish fauna in Boko River, Kamrup, Assam	01
	A Preliminary Study on Diversity of Fish fauna in Dudhnoi River, of Goalpara, Assam	01
		Total= 13
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
2019-2020	B.Sc.	Honours : 20 Regular: 75	63 70	16 52

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data) 1:33

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
2019-2020	Sem-I: (H) 16, (R) – 52	N/A	04	N/A	N/A
	Sem-III: (M) – 18, (G) – 54		04	N/A	N/A
	Sem-V: (M) – 13, (G) - 15		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
2019-20	05	04	LCD Projector	01	Nil	

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
2019-20		B Sc.(Major)	12	12	100%
		B Sc(General)	15	15	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 2017-2021						
	Department	No. of Publication	Average Impact Factor, if any			
National	Zoology	X				
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		00				
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

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 : 2019-20						
Golden langur, <i>Trachypithecus geei</i> Khajuria, 1956	Rekha Chetry	Primates in Peril: The World's 25 most endangered Primates2018-2020.	2019		Department of Zoology, J. N. College, Boko	
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 Primates2018-2020.	2019			
3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :2019-2020						
No. of Faculty	International level	National level		State level		Local level
05	X	03		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		
Facilities	Existing	Newly added
Departmental area	2518 Sq.ft.	
Class rooms	02	
Laboratories	02	
Classrooms with LCD facilities	01	
Classrooms with Wi-Fi/ LAN	NIL	
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: 2019-20						
	Existing		Newly added		Total	
	No.	Value		Value	No.	Value in Rs
Text Books	262		61	20,135/-	323	
Reference Books	47		06	3,827/-	53	
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	

2019 - 20	01			Kaziranga University, Assam	M.Sc. in Microbiology
	01			Gauhati University, Assam	M.Sc. in Zoology
	01			D. K. College, Mirza, Assam	M.Sc. in Zoology
	01			Kaziranga University, Assam	M.Sc. in Microbiology
	Total=04(30.77%)				

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
2019-20	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

Nil		
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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: 2019-2020

Class	Male	Female	Total	General	SC	OBC/MOBC	ST(H)/ST(P)
TDC 1 st Sem (Honours)	05	11	16	05	02	01	08
TDC 1 st Sem Regular	32	20	52	26	03	09	14
TDC 3 rd Sem (Major)	05	13	18	11	02		05
TDC 3 rd Sem General	42	12	54	42	01	05	06
TDC 5 th Sem (Major)	05	08	13	07	03	03	
TDC 5 th Sem General	12	03	15	08	01	01	05

Signature of HOD

(Dr. Tapan Kumar Deka)