# Barasat Government College 10 K. N. C. Road, Barasat, North 24 Parganas, Kolkata-700124

## Academic Audit for the Year 2021-22 [July 2021 – June 2022]

Academic Audit is an integral part of the dynamics of higher education to achieve and maintain academic excellence. It is an essential component of quality enhancement in Higher Education Institutions. As per the decision adopted in the IQAC meeting a team has been formed from the IQAC members to carry out the Academic Audit of all the Departments of the College for the said period. It aims to document evidence-based information related to the quality of academic programmes. The Academic Audit encourages a culture of continuous evaluation and quality improvement with sustenance of best practices of the different academic programs.

The Academic Audit process was introduced during the academic year (2020-2021) by the IQAC and then in academic year 2021-22, some more academic audit parameters have been introduced to evaluate the UG & PG curriculum, teaching, learning methodologies and to ensure continuous improvement for quality assurance.

Following are the details of academic audit committee which was formed in the academic year 2021-22:

## A) The Internal members:

- 1. Dr. Abhijit De, Associate Professor of Physics
- 2. Dr. Prabir Bhattacharya, HOD, Department of Chemistry
- 3. Dr. Arup Bandyopadhyay, Associate Professor of Chemistry
- 4. Dr. Nisith Ch. Das, HOD, Department of Mathematics

## B) The External member:

- 1. Dr. Partha Pratim Dasgupta, Principal, Barasat College
- 2. Prof. Rajat Bandopadhyay, Professor, Dept. of Biotechnology, University of Calcutta
- 3. Prof. Narayan Ghorai, Professor, Dept of Zoology, West Bengal State University

## The Objective of the Academic Audit are:

- To bring every department to external scrutiny.
- To update the teaching, learning, evaluation methods and extra curricular activities.
- To make suggestions for improvement to the Departments for necessary changes.
- To achieve the goal of updated curriculum and revised learning and evaluation methods. (UGC and National Curriculum)

### Methodology:

After close examination of the information sheets furnished by the departments, priorities of the audit are determined. Detailed discussions with the faculty of the department about all aspects of academics and other allied activities are made. All the records are examined to find out the strength and weakness. Facilities showcasing the teachers' and students' activities like Wall Magazine, Seminar Bulletins, Annual Reports and Activities Albums are accessed and duly analysed to evaluate the quality of teaching-learning.

## Reports:

On the basis of thorough checking of the data submitted by different departments of the college and the inspections to all the departments the following strength and weakness of individual department are sorted out.

		ACADEMIC AUDIT REPORT SUMMARY: Academic Year: 2021-22
11	Ph	ysics Department (UG & PG)
	1)	Intake Capacity: UG: 65 PG: 29
	2)	Number of Students:
		(A) Under Graduate Section: (Hons only)
		UG SEM-I/II: 17 UG SEM-III/IV: 23 UG SEM-V/VI: 16 Total: 56
		(B) Post Graduate Section:
		PG SEM-I/II: 21 PG SEM-III/IV: 24 Total: 45
		Number of Sanctioned Teaching Post: 12
	4)	Number of Teachers:
		(i) Professor: 1 (ii) Associate Prof.: 7 (iii) Asst. Prof.: 2 SACT-I/II: 0 Total: 10
		Teachers-Students ratio: 10 Students/Teacher
)	6)	Number of Dropout students:
		(A) UG Dropout:
		SEM-I: 20 SEM-II: 5 SEM-III: 2 SEM-IV: 0 SEM-V: 0 SEM-VI: 0 Average: 5
		(B) PG Dropout:
		SEM-I: 6 SEM-II: 0 SEM-IV: 1 Average: 1.8 Students/Semester
	7)	Result: UG: No. of final year students whose credit score > 8: 16 out of 16 Percentage: 100%
		PG: No. of final year students whose credit score > 6: 24 out of 24 Percentage: 100%
1	8)	Number students received financial assistance: (i) Scholarship: 66 out of 101 (65%)
	- 1	
	9)	Number of Publication by Faculties: (i) Number of Journal/article publication: <b>22</b> (ii) Number of Book publication: <b>0</b>
	- 1	
		Number of Wall magazine: 0 Number of students participated in Seminar & Extra-curricular activities: 41 out of 101 (41%)
1	Z)	Number of students taking higher studies: (i) UG: 12 out of 16 (75%) (ii) PG: 6 out of 24 (25%)

- 1 Excellent students academic performance
- 2 Teachers-students ratio is very good
- 3 Stdents financial assistance is satisfactory.
- 4 Many of UG passout students taking higher studies
- 5 Physics is taught in both UG and PG levels. Faculties also, have strong research Groups working in various branches of theoretical and experimental physics. Thus, students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- 6 A very good academic profile of the faculties, 90% of which possess Ph. D. degree as the highest degree from prestigious universities and national level organizations. This is certainly a quite strong point in favor of the department. Existing Laboratory support staff have been very eager to do department activities assigned to them.

- 1 Due to Covid pandemic no Govt grant was received during the academic session and hence Dept has been facing laboratory maintenance problem.
- 2 Computer laboratory needs to upgrade
- 3 More elective papers need to be added in PG course and hence need more faculties & classroom.
- 5 Absence of student's publication in form of magazine/ wall magazine.
- 6 Students' participation in Seminar & Extra-curricular activities is moderate.

Rejat Barrenjo NHith Ch.D.g. (v)(iii) Signatures: (i) Abandy phil Dr. Rajat Banerjee Associate Professor & dead Associate Professor (W.B.E.S.) Professor Department of Mathematics Department of Chemistry Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt College Centre for Genetic Engineering and Biotechnology Barasat Govt. College University of Calcutta (ii) m (vi) Dr. Prabir Kumar Bhattacharva Abbijit De. W. B. E. S. Head HOD & Associate Professor Department of Physics Department of Chemistry Barasat Government Collec-Barasat Govt. College, Barasat porgufita Associate Professor (vii) Barasat Govt. College GovL of West Bengal Dr. Parthapratim Dasgupta Narayan G M.A. M Phil, Ph. D Professor of Zo (Internal West Bengal, India West Bengal, India West Bengal, India West Bengal, India (External members) cal Baraset Con

		AC	ADEMIC	AUDIT RE	PORT SUM	MARY:		Acad	lemi	c Year: 202	1-22		
I	Zo	ology Depa	rtment	(UG & PG)									
		Intake Capac		UG: 55		PG: <b>32</b>							
	2)	Number of St	tudents:										
		(A) Under Gr	aduate Sec	tion: (Hons or	nly)								
		UG SEN	M-1/11: 25	UG S	EM-III/IV: 26		UGS	SEM-V/VI	: 17	Total: 68			
		(B) Post Grad	duate Secti	on:									
		PG SEN	M-1/11: 27	PG S	EM-III/IV: 2	28	Т	otal: 55					
	3)	Number of Sa	anctioned	Teaching Post	8								
	4)	Number of Te	eachers:										
		(i) Professo	r: 0	(ii) Associ	ate Prof.: 3	(iii) A	sst. P	rof.: 3	S	ACT-I/II: 1		Total:	7
	5)	Teachers-Stu	dents ratio	: 18 St	udents/Teac	her							
	6)	Number of D	ropout stu	dents:									
		(A) UG Dropo	out:										
		SEM-I: 21	SEM-II:	O SEN	1-111: 0	SEM-IV:	0	SEM-V:	0	SEM-VI:	0	Average:	3.5
		(B) PG Dropo	out:										
		SEM-1: 2	SEM-II:	•	1-111: 0	SEM-IV:				Students/Ser			
	7)	Result: UG		f final year stude				out of		Percentage:			
		PG		f final year stude		it score > 6:	29	out of	28	Percentage:	104%		
	8)	Number stud						/	Tatal	50 aut a	4 1 2 2	(400/)	
		(i) Scholarsh			nly Half/Full fr	ree: <b>0</b>		(iii)	Total:	59 out o	1 123	(48%)	
	9)	Number of P						Number	- f 🛛	knublication		0	
		(.)		article publica	tion: <b>13</b>		(11)	Number	01 800	k publication:		0	
		Number of W			Cambras 8 Fu	tro curricu	lar ac	tivition	21	out of 123 (2	5%)		
	11)			articipated in						(ii) PG: 11		28 (29%)	
	12)	Number of st	udents tak	ing higher stu	dies: (i) l	JG: 9	ουτο	f 17 (53%	9	(11) PG: 11		20 (55%)	
	Stre	engths of the I	Departmen	nt:									

1 Performance of UG and PG students are excellent.

2 Highly dedicated and enthusiastic teaching faculties

3 Departmental academic planner - elaborate discussions and meeting for syllabi allotment and preparation of materials.

4 Seminar library & rich e- books and journals collection. High number of first class in PG and UG.

- 5 Students pursuing M.Sc. and Ph.D. in central universities and institutions, their involvements in Dept. through webinar, recorded lectures, etc
- Post Graduate students are involved in doing dissertation/ review/projects under the supervision of all the faculties. Students have achieved 6 awards for poster/paper presentation in different national/international seminars. Some students have also published the result of their work with their respective teachers in peer reviewed journals.
- 7 Good number of students qualifying in state/national level examinations (eg. NET/SET/GATE/State government examinations). High Number of students progressing to higher education. The department has a well -organized feedback system to monitor and evaluate the quality of teaching and learning. Strong and healthy Working Environment.
- 8 Very Good teachers-students ratio,

#### Weakness of the Department:

Govt. of West Bengal

- 1 All vacant posts should be filled up to meet up huge syllabus of UG & PG curriculum. Post of Lab Assistant & Lab attendant both are vacant, to be filled up for smooth running of practical classes.
- 2 Very limited space (lecture rooms as well as practical laboratories) for running PG & UG classes simultaneously.
- 3 Allotted research laboratories are already occupied by various instruments. No extra vacant space is there for purchase of further sanctioned Rejet Barry instruments & furniture. Practical laboratories should be renovated & modernized.

4 Financial assistance to the students is not satisfactory. Night Ch. Dy. Dr. Rajat Banerjee Associate Professor & dead Professor Dept. of Biotechnology & Dr. B. C. Guha Signatures: (i) Associate Professor (W.B.E.S.)(iii) Department of Mathematics (v)Barasat Govt College Centre for Genetic Engineering and Biotechnology **Department of Chemistry** University of Calcutta Mallo **Barasat Govt.** College DIQI Ph D an afor of Zoology (iv) nt of Zoolory West Benzal State Universi Barasat,(N) 24-Pgs. Kol-12 chijit de' Dr. Prabir Kumar Bhattacharya लखी विश्वकारत Head W. B. E. S. West Bengal, Ind Department of Physics HOD & Associate Professor (vii) More th Dr. Parthapratim Dasgupta Barasat Government College Department of Chemistry Associate Professor Barasat Govt. College Barasat Govt. College, Burasat (External members) Mahil, Ph. D

•	AC	ADEMIC AL	JDIT REPORT	SUMMARY:	Aca	demic Year: 2021-22		
III Bo	tany Depar	tment (UG	& PG)					
	Intake Capaci		: 55	PG: 32				
2)	Number of St	udents:						
	(A) Under Gra	aduate Section	: (Hons only)					
	UG SEN	1-1/11: 14	UG SEM-III/I	V: 23	UG SEM-V/VI	: 16 Total: 53		
	(B) Post Grad	uate Section:						
	PG SEM	1-1/11: <b>28</b>	PG SEM-III/I	V: 24	Total: 52	1		
3)	Number of Sa	inctioned Tead	hing Post: 9					
4)	Number of Te	eachers:						
	(i) Professor	r: <b>1 (</b> ii)	Associate Pro	f.: 4 (iii) A	sst. Prof.: 4	SACT-I/II: 2	Total:	11
5)	Teachers-Stu	dents ratio:	10 Students	/Teacher				
6)	Number of D	ropout studen	ts:					
	(A) UG Dropo	out:						
	SEM-I: 9	SEM-II: 4	SEM-III: 3	SEM-IV:	1 SEM-V	: 1 SEM-VI: 1	Average:	3.2
	(B) PG Dropo							
	SEM-I: 1	SEM-II: 3	SEM-III: 2	SEM-IV:		: 1.8 Students/Semester		
7)			l year students who					
	PG		l year students who		24 out of	24 Percentage: 100%	,	
8)			financial assistance			Tataly CC aut of 105	(639/)	
	(i) Scholarsh		(ii) Only Half,	Full free: <b>0</b>	(iii)	Total: 66 out of 105	(63%)	
9)	Number of Pu					of Dooly nublications	3	
			cle publication:	6	(II) Number	of Book publication:	5	
	Number of W	-		P Futra auri-	ular activition.	80 out of 105 (76%)		
11		••••	cipated in Semina				f 24 (0%)	
12	Number of st	udents taking	higher studies:	(i) UG: 8	out of 16 (50	%) (ii) PG: 0 out o	24 (0/0]	

- 1 Excellent students academic performance
- 2 Teachers-students ratio is excellent.
- 3 Stdents financial assistance is satisfactory
- 4 The Department has good infrastructure and amenities (well equipped class rooms as well as laboratories for carrying out research work).
- 5 The Department has sufficient space with five class rooms cum general laboratories, each with the facility of LCD projectors; eight well maintained AC specialised laboratories with good numbers of equipments, one Botanical Museum, one Departmental Seminar room, one large staff cum meeting room, one Seminar Library, rich in national and international text and reference books along with computer and internet accessibility which allows an avid student to satiate his / her learning requirements by accessing the facility.
- Right from its inception as an Undergraduate Department followed by its transition into Post Graduate Department, the students have 6 exhibited academic brilliance in attaining excellence in the field of teaching, research, and diverse other positions in and outside the State.
- 7 The Department regularly organizes special and invited lectures, which allows for the interaction of the students with leading researchers. Along with this, the undergraduate and postgraduate students are encouraged to perform short term projects and present them in scientific platforms

- 1 The Department does not have adequate number of supporting staff members for smooth running of its activities.
- 2 Especially a department with good number of instruments that require proper maintenance and service at regular interval.
- 3 The Seminar Library needsmore contemporary and newer edition of books.
- 4 Very small number of students are taking higher studies

Rejat Barenji Dr. Rajat Ba Professor Dalyng Associate Professor (W.B.L.S.) Associate Professor & lead (v)Signatures (i) Dept. of Biotechnology & Dr. R. C. Guha Centre for Genetic Engineering and Biolechnology Department of Chemistry University of Calcutta Department of Mathematics Barasat Govt. College Barasat Govi College N (iv) (ii) Dontment of West Bengal Stell Universit Barasat,(N) 24-Piss. Kol 124 Alligit de . Hoad Dr. Prabir Kumar Bhattacharya West Bengal, India W. B. E. S. Department of Physics HOD & Associate Professor Barasat Government College (vii) Marzanta Dr. Parthapratim Dasgupta Department of f Barasat Govi. College actual Associate Professor Barasat Govt. College M.A, M.Phil, Ph. D Govt. of West Bengal (External members) rincipal (Internal members) Barasat College

		1	ACA	DEMIC	AUDI	T REPORT S	SUMN	IARY:		Acad	demi	c Year: 202	21-22		
IV	Be	ngali De	partr	nent (	UG &	PG)									
	1)	Intake Cap	pacity:		UG: 93	1	PC	5: <b>38</b>							
	2)	Number o	f Stud	ents:											
		(A) Under	Gradu	uate Sect	tion: (H	ons only)									
		UG	SEM-I/	/11: 56		UG SEM-III/IN	: 62		UG	SEM-V/VI	: 73	Total: <b>191</b>			
		(B) Post G	iradua	te Sectio	on:										
		PG	SEM-I	/11: 34		PG SEM-III/IV	: 29		1	Total: 63					
	3)	Number o	of Sanc	tioned T	eachin	g Post:	8								
	4)	Number o	of Teac	hers:											
		(i) Profe	ssor:	0	(ii)	Associate Prof	: 6	(iii) As	sst. P	Prof.: 2	S	ACT-1/11: 5		Total:	13
	5)	Teachers-	Studer	nts ratio	:	20 Students/	Teache	r							
	6)	Number o	f Drop	out stud	dents:										
		(A) UG Dr	opout	:											
		SEM-I:	2	SEM-II:	3	SEM-III: 0		SEM-IV:	5	SEM-V	: 0	SEM-VI:	0	Average:	1.7
		(B) PG Dro	opout:												
		SEM-I:	4	SEM-II:	0	SEM-III: 0		SEM-IV:	0	Average	1	Students/Se	mester		
	7)	Result:	UG:	No. of	final yea	r students whos	e credit s	core > 8:	64	out of	73	Percentage:	88%		
			PG:	No. of	final yea	r students whos	e credit s	score > 6:	29	out of	29	Percentage:	100%		
	8)	Number st	tudent	ts receive	ed finar	ncial assistance	e:								
		(i) Schola	rship:	114	(	ii) Only Half/	Full free	e: O		(iii)	Total:	114 out (	of 254	(45%)	
	9)	Number o	f Publi	ication b	y Facul	ties:									
		(i) Numb	er of J	ournal/a	rticle p	ublication:	0		(ii)	Number	of Boo	ok publication	:	1	
	10)	Number o	f Wall	magazin	ne: 2										
	11)	Number	of stu	idents pa	articipa	ted in Seminar	& Extra	a-curricu	lar a	ctivities:	100	out of 254 (3	<b>39%</b> )		
	12)					er studies:	(i) UG			of 73 (15%	6)	(ii) PG: 9	out of	29 (31%)	

1	Verv	pood	students	academic	performance
	very	5000	Juducinto	acaaciine	perioritation

- 2 Teachers-students ratio is good
- 3 Students financial assistance is satisfactory and Drop out rate is negligible
- 4 Department has a seminar library of its own
- 5 Well qualified faculty. (Most of the Faculty Members are Ph.D holder)
- 6 Positive interaction with students that makes them approach faculty members for academic and non-academic solutions.

#### Weakness of the Department:

- 1 Very small number of students are taking higher studies
- 2 As the students are financially weak, they are compelled to do other works for their household. So, they are not
- 3 For the financial crisis students cannot pursue higher education all the time after they complete Graduation
- 4 There is no provision for language lab. No ICT enable room is found. Dept needs more digital facilities.

Reijat Banenji paly Associate Professor (W.B.E.S. (iii) (v) Signatures: (i) Dr. Rajal Banarjes Holith Chr. Deg. Department of Chemistry Professor Associate Protesso Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt. College Department of Macher Centre for Genetic Engineering and Biotechnology Barasat Govi College University of Calcutta (iv) (ii) ۱ (vi) 100 Ghorai, Ph.D. Alligit de. Professor of Zoology Department of Zoolog Dr. Prabir Kumar Bhattacharya W B. E. S. Head West Bengal State University Barasat, (N) 24-Pgs. Kol-125 West Bengal, India Department of Physics HOD & Associate Professor Barasat Government College Department of Chemistry Associate Professor (vii) Barasat Govt. College, Barasat Barasat Govt. College Govt. of West Bengal

(Internal members)

(External members) M.A. M.Phil, Ph. D Principal Barasat College

				ORT SUMMARY	: Acade	mic Year: 2021-22		
۷	Ma	athematics Dep	artment					
		Intake Capacity:	UG: 70	PG: 0				
	2)	Number of Student	ts:					
		(A) Under Gradua	ate Section: (Hons o	nly)				
		UG SEM-I/II	: <b>39</b> UG S	EM-III/IV: 34	UG SEM-V/VI:	39 Total: 112		
	3)	Number of Sanctio	ned Teaching Post:	5				
	4)	Number of Teache	rs:					
		(i) Professor: 0	(ii) Associ	ate Prof.: 3 (ii	i) Asst. Prof.: 2	SACT-I/II: 0	Total:	5
	5)	<b>Teachers-Students</b>	ratio: 22 S	udents/Teacher				
	6)	Number of Dropou	it students:					
		(A) UG Dropout:						
		SEM-I: 10 S	SEM-II: 1 SEN	1-III: 0 SEM-	IV: 1 SEM-V: (	D SEM-VI: D	Average:	2
	7)	Result: UG: No	o. of final year students	whose credit score > 8:	39 out of	39 Percentage: 100%	6	
	8)	Number students r	received financial as	sistance:				
		(i) Scholarship:	74 (ii) O	nly Half/Full free: <b>0</b>	(iii) T	otal: 74 out of 112	2 (66%)	
	9)	Number of Publica						
		(i) Number of Jo	urnal/article publica	tion: 6	(ii) Number o	f Book publication:	0	
	10	Number of Wall m	0					
	11			Seminar & Extra-curr	a set in the second s	56 out of 112 (50%)		
	12	Number of student	ts taking higher stuc	ies: (I) UG:	20 out of 39 (51%)			

- 1 Very Good academic performance of the students.
- Teachers-students ratio is good. 2
- 3 Stdents financial assistance is Satisfactory.
- Mathematics is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the 4 students is an attraction for students of all sections.
- 5 A very good academic profile of the faculties, all of them possess research (Ph. D./ M.Phil.) degree as the highest degree from prestigious universities and national level organizations. This is certainly a quite strong point in favor of the department.
- Status of research publication is good. 6
- Student's enrolment to the higher students is satisfactory. 7

#### Weakness of the Department:

- 1 Absence of student's publication in form of magazine/ wall magazine.
- 2 Due to Covid pandemic no Govt grant was received during the academic session and hence Dept. has been facing
- 3 Students' participation in Seminar & Extra-curricular activities is moderate.
- 4 Lack of space for departmental seminar library.

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5 Absence of skilled support staffs.

Signatures: (i)

Associate Protection & Department Barasat Govt College

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ofessor of Zoology Department of Zoolory West Bongal state University Baraset (N) 24-PPp, Kol-126

West Congal, India

Dr. Rajat Banerjee Professor Dept. of Biotechnology & Dr. B. C. Guha Centre for Genetic Engineering and Biolechnology University of Calcutta

(ii)

Alligit De . Hood Department of Physics Barasat Government Colle Associate Professor Barasat Govt. College Govt. of West Bengal

Dr. Prabir Kumar Bhattacharya W. B. E. S. HOD & Associate Professor Department of Chemiatry Barasat Govt. College, Barasat

(iv)

(vii)

(v)

(vi)

Dr. Parthapratim Dasgupta M.A. M.Phil, Ph. D (External members) Critica

1		ACADEMIC AUDIT REPORT SUMMARY: Academic Year: 2021-22								
٧I	Ch	emistry Department								
		Intake Capacity: UG: 50 PG: 0								
		Number of Students:								
		(A) Under Graduate Section: (Hons only)								
		UG SEM-I/II: 9 UG SEM-III/IV: 21 UG SEM-V/VI: 12 Total: 42								
	3)	Number of Sanctioned Teaching Post: 9								
	4)	Number of Teachers:								
		(i) Professor: 0 (ii) Associate Prof.: 8 (iii) Asst. Prof.: 1 SACT-I/II: 1 Total: 10								
	5)	Teachers-Students ratio: 4 Students/Teacher								
	6)	Number of Dropout students:								
		(A) UG Dropout:								
		SEM-I:   22   SEM-II:   0   SEM-III:   1   SEM-IV:   0   SEM-VI:   0   Average:   4								
		Result: UG: No. of final year students whose credit score > 8: 12 out of 12 Percentage: 100%								
	8)	Number students received financial assistance:								
		(i) Scholarship: 27 (ii) Only Half/Full free: 3 (iii) Total: 30 out of 42 (71%)								
	9)	Number of Publication by Faculties:								
		(i) Number of Journal/article publication: 0 (ii) Number of Book publication: 0								
		Number of Wall magazine: 1								
	*	Number of students participated in Seminar & Extra-curricular activities: 42 out of 42 (100%)								
	12)	Number of students taking higher studies: (I) UG: 9 out of 12 (75%)								
	Stre	engths of the Department:								
		1 Very good students academic performance								
		2 Teachers-students ratio is Excellent								
		3 Stdents financial assistance is good								
		4 Many of UG passout students taking higher studies								
		5 Geography is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.								
		6 Student's participation in Seminar & Extra-curricular activities is excellent.								
		7 A very good academic profile of the faculties, all the faculty members serving againese substantive post possess Ph.D. degree as the highest degree from prestigious universities and national level organizations. This is certainly a quite strong point in favor of the department.								

8 Student enrolment is very poor.

Weakness of the Department:

5

- 1 Due to Covid pandemic no Govt grant was received during the academic session and hence Dept has been facing laboratory maintenance problem.
- 2 Student enrolment is very poor.
- 3 Status of publication is very poor.
- Poorly ventilated and very small classrooms. 5
- 6 Skewed distributions of teachers in the different streams of specialisation.

Rejat Barrenji Associate Professor (W.B.E.S.())) Ninith Ch. Da. (v) Signatures: (i) Department of Chemistry Dr. Rajat Banarjes Associate Professor & deau Department of Mathematics Barneat Govt. College Professor Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt College Centre for Genetic Engineering and Biotachnology University of Calcutta (ii) (iv) (vi) Con Ghorail Dr. Prabir Kumar Bhattacharya Professor of Cology Department of Zoology West Bangal Scale University Barasati(N) 24 Pgs. (of 226 West Bengal, India Albirit de . W. B. E. S. Department of Physics HOD & Associate Professor Barasat Government College Department of Chemistry Associate Professor Barasat Govt. College, Burubat Barasat Govt. College (vii) Dr. Parthapratim Dasgupta Govt. of West Bengal

(Internal members)

M.A. M.Phil, Ph. D Principal

(External members) ht College

•	ACADE	MIC AUDIT REPO	RT SUMMAR	Aca	demic Year: 2021-22	
VII Ge	ography Depar	tment				
	Intake Capacity:	UG: 60	PG: 0			
2)	Number of Studen	ts:				
	(A) Under Graduat	e Section: (Hons only	)			
	UG SEM-I/II:	55 UG SEM	-III/IV: <b>48</b>	UG SEM-V/V	: 42 Total: 145	
3)	Number of Sanctio	ned Teaching Post:	6			
4)	Number of Teache	rs:				
	(i) Professor: 0	(ii) Associate	Prof.: 3 (ii	i) Asst. Prof.: 3	SACT-I/II: 0	Total: 6
5)	Teachers-Students	ratio: 24 Stud	ents/Teacher			
6)	Number of Dropou	it students:				
	(A) UG Dropout:					
	SEM-I: 3 SE	M-II: 0 SEM-II	I: 0 SEM-	IV: 0 SEM-V	: 1 SEM-VI: 0	Average: 0.7
7)	Result: UG:	No. of final year students	s whose credit score	>8: 40 out of	42 Percentage: 95%	6
8)	Number students r	received financial assi	stance:			
	(i) Scholarship:	72 (ii) Only	Half/Full free: 25	(111)	Total: 97 out of 145	67%)
9)	Number of Publica	tion by Faculties:				
	(i) Number of Jou	rnal/article publicatio	n: 2	(ii) Number	of Book publication:	5
	Number of Wall m					
				ricular activities:	144 out of 145 (99%)	
12)	Number of student	ts taking higher studie	s: (i) UG:	26 out of 42 (62)	%)	

- 1 Good students academic performance.
- 2 Teachers-students ratio is good.
- 3 Stdents financial assistance is Satisfactory.
- 4 Geography is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- <sup>5</sup> A very good academic profile of the faculties, 80% of which possess research (Ph. D./ M.Phil.) degree as the highest degree from prestigious universities and national level organizations. This is certainly a quite strong point in favor of the department.
- 6 Status of research publication is good.
- 7 Student's enrolment to the higher students is satisfactory.
- 8 Student's participation in Seminar & Extra-curricular activities is excellent.
- 9 Good infrastructure like smart class rooms, seminar library, RS GIS laboratory and a rich departmental store having different kinds of maps and geographical instruments.

#### Weakness of the Department:

- 1 Improve the status of financial assistance to the students.
- 2 Due to Covid pandemic no Govt grant was received during the academic session and hence Dept. has been facing laboratory maintenance problem.
- 3 Seating capacity in the classrooms are inadequate as compared to the students intake.
- 4 Practical laboratories should be renovated & modernized.
- 5 Deficiency of skilled supporting staff.

Signatures: (i)

Department of Chemistry (iii) NGCH CA. DA . Berasat Govt. College Associate Professor & dead

Department of Mathematics Barasat Govt College

(ii)

Albergit du Head Department of Physics Barasat Government College Associate Professor Barasat Govt. College Govt. of West Bengal

(iv) /mate

Dr. Prabir Kumar Bhattacherya W. B. E. S. HOD & Associate Professor Department of Chemistry Barasat Govt. Cullego, Burusat

Rejat Barrenn Dr. Rajel Stan Professor



Chorni Ph.D tZO. I state Univers Depa Barasat,(N) 24-12 West Bengal, India and land

(vii)

(v)

Dr. Parthapratim Dasgupta M.A. M Phil Ph. D

(External members) Cellege

ACADEMIC AUDIT REPORT SUMMARY: Academic Year: 2021-22										
VIIIEc	onomics Department									
1)	Intake Capacity: UG: 55 PG: 0									
2)	Number of Students:									
	(A) Under Graduate Section: (Hons only)									
	UG SEM-I/II: 24 UG SEM-III/IV: 18 UG SEM-V/VI: 16 Total: 58									
3)	Number of Sanctioned Teaching Post: 4									
4)	Number of Teachers:									
	(i) Professor: 0 (ii) Associate Prof.: 2 (iii) Asst. Prof.: 2 SACT-I/II: 2 Total: 6									
5)	Teachers-Students ratio: 10 Students/Teacher									
6)	Number of Dropout students:									
	(A) UG Dropout:									
	SEM-I: 5 SEM-II: 0 SEM-III: 0 SEM-IV: 1 SEM-V: 0 SEM-VI: 0 Average: 1									
7)	Result: UG: No. of final year students whose credit score > 8: 15 out of 16 Percentage: 94%									
8)	Number students received financial assistance:									
	(i) Scholarship: 23 (ii) Only Half/Full free: 4 (iii) Total: 27 out of 58 (47%)									
9)	Number of Publication by Faculties:									
	(i) Number of Journal/article publication: 1 (ii) Number of Book publication: 0									
10	) Number of Wall magazine: 1									
	) Number of students participated in Seminar & Extra-curricular activities: 56 out of 58 (97%)									
12	) Number of students taking higher studies: (i) UG: 13 out of 16 (81%)									

- 1 Outstanding students academic performance
- 2 Teachers-students ratio is very good
- The students of the Department actively participate in various Seminars, Value Added Programs and National and State Level 3 competitions (like Quiz contest, essay writing, poster competition). Some of the final year students even presented research
- papers and has a record of winning prestigious title The Department has a huge stock of books (around 500) in the Seminal Library which is sufficient for the UG course. Students
- 4 borrow books from the Seminar Library at a regular basis.
- 5 The faculty members of the Department are highly qualified and some of them are acknowledged for their contribution in the field of research. Two of the faculty members, Dr. Rajnarayan Gupta and Dr. Rongili Biswas are renowned vocalists and writer. Apart from studies the students also get motivation and guidance from them continuously in creative skills and extracurricular activities.

#### Weakness of the Department:

- 1 The infrastructural limitation is weakening the learning process. For instance, due to lack of classrooms the Faculties face problems in taking classes simultaneously. This has made the routine very inelastic. Sometimes remedial classes are conducted during vacation also to bridge the gap and address various needs of the students.
- 2 Due to lack of a computer laboratory, the final year students face serious difficulty while doing their project. Also it is difficult for the students to learn software programming. At present the Department has only one computer functioning. At times it becomes tedious to balance administrative works and taking computer practical classes with one computer.
- Under Choice based Credit system (CBCS) students of final year has the freedom to choose different optional papers. 3 However due to faculty constraint the Department at present can offer only limited optional papers in DSE course in each of Sem V and Sem VI. Applied Econometrics, Public Economics are offered in Sem V and Contemporary Development Economics in Sem VI. The other papers on Health and Financial Economics which are emerging areas in Economics can also be offered and for that purpose at least two Guest Faculty will be required.

Signatures: (i)

Department of Chemistry(iii) Nibith ch. Dg. Associate Professor (W.B.E.S.) Barasat Govt. College

Associate Professor & deau Department of Mathematics

Rejat Barenji

University of Calcutta

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(v)

Dr. Rajal Banerjee Professor Dept. of Biotechnology & Dr. B. C. Guha Centre for Genetic Engineering and Biotechnology

(ii)

Albirt de Hand

Department of Physics Barasat Government College Associate Professor Barasat Govt. College Govt. of West Bengal

Barasat Govt College

(iv) Most Dr. Prabir Kumar Bhattacharya W. E. E. S. HOD & Associate Professor Department of Chemistry Barasat Govt. Collage, Barasat

hoor (vi)

Narayan Ghorai,Ph.D. Professor of Zoology Department of Zoolo

(vii)

Jurgafila Dr. Parthapratim Dasgupta M.A. M.Phil, Ph. D Principal Barasat College (External members)

•	ACADEMIC	CAUDIT REPORT SU	MMARY:	Academic	Year: 2021-22		
IX Po	litical science Depa	artment					
	Intake Capacity:	UG: <b>93</b>	PG: <b>0</b>				
2)	Number of Students:						
	(A) Under Graduate See	ction: (Hons only)					
	UG SEM-I/II: 63	UG SEM-III/IV: 5	4 UG S	SEM-V/VI: 57	Total: 174		
3)	Number of Sanctioned	Teaching Post: 4					
4)	Number of Teachers:						
	(i) Professor: 0	(ii) Associate Prof.: 1	(iii) Asst. P	rof.: 3 SA	CT-I/II: <b>4</b>	Total:	8
5)	Teachers-Students ratio	o: 22 Students/Tea	cher				
6)	Number of Dropout stu	idents:					
	(A) UG Dropout:						
	SEM-I: 7 SEM-II	: O SEM-III: O	SEM-IV: 0	SEM-V: 0	SEM-VI: 1	Average:	1.3
7)	Result: UG: No. o	of final year students whose cro	edit score > 8: 52	out of 57	Percentage: 91%		
8)	Number students recei	ved financial assistance:					
	(i) Scholarship: 129	(ii) Only Half/Full	free: 0	(iii) Total:	129 out of 174	(74%)	
9)	Number of Publication	by Faculties:					
		article publication: 3	(ii)	Number of Book	publication:	0	
10)	Number of Wall magaz						
11)		participated in Seminar &		Annual International International	out of 174 (100%)		
12	Number of students tal	king higher studies: (i	) UG: 14 out o	of 57 (25%)			

12) Number of students taking higher studies: (I) UG:

#### **Strengths of the Department:**

- 1 Very good students academic performance.
- 2 Teachers-students ratio is good.
- 3 Stdents financial assistance is good.
- 4 Political Science is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- 5 The teachers take special care of the 'specially abled' students of the departmentto ensure them hassle-free and comfortable situation within the college and for their studies.
- 6 Status of research publication is good.
- 7 Student's participation in Seminar & Extra-curricular activities is excellent.

- 1 Enrolment of the students in higher studies is not satisfactory.
- 2 Inadequate ICT infrastructure available to the department.
- 3 Mostly the students study in Bengali. So, a large section of them suffers from weakness in English that affects their access to learning resources that are written in English.

Associate Professor (W.B.E.S.)(iii) Rejat Barreyr Nibith ch. Dan. (v) Signatures: (i) Department of Chemistry Dr. Rajat Banerjee Barasat Govt. College Professor Department of mathematics Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt College Centre for Genetic Engineering and Biotechnology University of Calcutta (iv) (ii) 0601 Hoad Dr. Prabir Kumar Bhatta (vi) Narayan Ghorai, Ph.D. Marayan Grorat, Fit. D. Professor of Zoology Department of Zoology West Bungal State University Barasat, (N) 24-Pps, Kol-22, West Bengal, Inuia V.E.F Department of Physics HOD & Associate P Barasat Government College 35. Departure Associate Professor Barasat Covt. Conder, Decabat West Bengal, Inula Barasat Govt. College GovL of West Bengal (vii) Dr. Parthapratim Dasgupta M.A. M.Phil, Ph. D Principal (External membels) ollege (Internal members)

		1	ACAD	EMIC A	UDIT R	EPORT S	UMMA	RY:	Aca	demic	: Year: 2021	-22		
X	Sar	nskrit De	partn	nent										
		Intake Cap	C		G: <b>55</b>		PG: 0							
	2)	Number of	Stude	nts:										
		(A) Under	Gradua	ate Sectio	n: (Hons	only)								
		UG S	EM-I/I	I: 30	UG	SEM-III/IV	39	U	G SEM-V/V	1: 34	Total: 103			
	3)	Number of	f Sancti	oned Tea	ching Po	st: 3								
	4)	Number of	f Teach	ers:										
		(i) Profes	sor: C	<b>)</b> (i	i) Asso	ciate Prof.	1	(iii) Asst.	Prof.: 2	S	ACT-1/11: 1		Total:	4
	5)	Teachers-S	student	ts ratio:	26	Students/	Teacher							
	6)	Number of	f Dropo	out stude	nts:									
		(A) UG Dro	opout:											
		SEM-I: C	) 9	SEM-II: 3	SE	M-III: 1	SEN	/i-IV: 3	SEM-	/: <b>O</b>	SEM-VI: 2	2	Average:	1.5
	7)	Result:	UG:	No. of fir	al year stu	idents whose	credit scor	e > 8: 3	1 out of	34	Percentage:	91%		
	8)	Number st	udents	received	financial	assistance	:							
		(i) Schola	rship:	70	(ii)	Only Half/F	ull free: 5		(111)	Total:	75 out of	103	(73%)	
	9)	Number of	f Public	ation by	Faculties	:								
		(i) Numbe	er of Jo	urnal/art	icle publi	cation:	2	(1)	) Number	of Boo	k publication:		1	
	10)	Number of		•										
	11)					in Seminar	& Extra-cu	urricular	activities:	38	out of 103 (37	%)		
	12)	Number of	f stude	nts taking	g higher s	tudies:	(i) UG:	20 ou	t of 34 (59	%)				

- 1 Good students academic performance.
- 2 Teachers-students ratio is good.
- 3 Stdents financial assistance is good.
- 4 Sanskrit is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- 5 Status of research publication is good.
- 6 Faculties are very much cooperative and they overcome any difficulties easily.

- 1 Shortage in the number of faculty members.
- 2 Publication of the students in form of Magazine/ Wall magazine is not found.
- 3 Participation of the students in Seminar & Extra-curricular activities is not satisfactory.

Associate Professor (W.B.E.Sili) Hibith chr Den . Rijat Barren Signatures: (i) (v) Dr. Rajat Banerjee Barasat Govt. College Professor Dept. of Biotechnology & Dr. B. C. Guha Department et tentematics Centre for Genetic Engineering and Biotechnology Barasat Govt College University of Calcutta (ii) (iv) ۱ (vi) D Dr. Prabir Kumar Shafacharva Narayan Ghorai, Ph.D. Head Warayan Ghoral, Ph.D. Professor of Zoology Department of Zoology West Bengal State University Barasat, (N) 24-Pgs. Kol-26 West Bengal, India HOD & Associate Processor Department of Physics Barasat Government Collego Department of Chemistry Barasat Covt. College, Barasat Associate Professor (vii) Barasat Govt. College Govt. of West Bengal Parthapratim Dasgupta M.A, M.Phil, Ph. D Principal (External members) (Internal members)

,		ACAD	EMIC A	UDIT REPO	RT SUMMA	RY:	Academ	ic Year: 2021-	-22		
XI I	En	glish Departm	ent								
		Intake Capacity:		G: 93	PG: 0	)					
	2)	Number of Stude	ents:								
		(A) Under Gradu	ate Sectio	n: (Hons only)	)						
		UG SEM-I/I	1: 65	UG SEM	-111/IV: 67	UGS	EM-V/VI: 54	Total: 186			
	3)	Number of Sanct	ioned Tea	aching Post:	6						
	4)	Number of Teach	ners:								
		(i) Professor: (	<b>D</b> (i	ii) Associate	Prof.: 1	(iii) Asst. P	rof.: 5	SACT-1/11: 2		Total:	8
	5)	Teachers-Studen	ts ratio:	23 Stud	ents/Teacher						
	6)	Number of Drope	out stude	nts:							
		(A) UG Dropout:									
		SEM-1: 5	SEM-II: 5	SEM-II	I: O SEN	N-IV: 0	SEM-V: 0	SEM-VI: 0	Av	verage:	1.7
	7)	Result: UG:	No. of fir	nal year students	whose credit score	e > 8: 40	out of 54	Percentage:	74%		
	8)	Number students	s received	financial assi	stance:						
		(i) Scholarship:	125	(ii) Only	Half/Full free: 7	,	(iii) Tota	132 out of	186 (71	.%)	
	9)	Number of Public	cation by	Faculties:							
		(i) Number of Jo	ournal/art	ticle publicatio	n: 0	(11)	Number of Bo	ook publication:	0		
		Number of Wall	-								
		Number of stud						7 out of 186 (52%	6)		
	12)	Number of stude	nts taking	g higher studie	s: (I) UG:	12 out o	of 54 (22%)				
	Str	engths of the Dep	artment:								

- 1 Good students academic performance.
- 2 Teachers-students ratio is good.
- 3 Stdents financial assistance is good.
- 4 English is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- 5 Faculties are using audio-visual tools in teaching learning.

#### Weakness of the Department:

1 Status of research publication is not upto the mark.

Barasat Govt. College

2 Participation of the students in Seminar & Extra-curricular activities is not satisfactory.

Department of Chemistry Associate Professor & dead

- 3 Lack of adequate fund for buying more books for the seminar library.
- 4 Some students with feeble economic condition and family support, are unable to buy costly texts and reference books

Department of Mathematics

Barasat Govt College

Signatures: (i) Associate Professor (W.B.E.S (jii) Ninith d. Dn.

(ii)

(iv) Dr. Prabir Kumar 8

Head Department of Physics Barasat Government College Associate Professor Barasat Govt. College Govt. of West Bengal

HOD & Asconiato Depart - Control Barasat Covi, Control, London



Dr. Parthapratim Dasgupta M.A. M.Phil, Ph. D Principal (External mentibers)College

	ACADEMIC AUDIT REPORT SUMMARY: Academic Year: 2021-22		
XII Pł	hilosophy Department		
1)	) Intake Capacity: UG: 93 PG: 0		
2)	) Number of Students:		
	(A) Under Graduate Section: (Hons only)		
	UG SEM-I/II: 57 UG SEM-III/IV: 73 UG SEM-V/VI: 61 Total: 191		
3)	Number of Sanctioned Teaching Post:		
4)	) Number of Teachers:		
	(i) Professor: 0 (ii) Associate Prof.: 3 (iii) Asst. Prof.: 1 SACT-I/II: 1	Total:	5
5)	i) Teachers-Students ratio: 38 Students/Teacher		
6)	i) Number of Dropout students:		
	(A) UG Dropout:		
		Average: 1	1.7
7	P) Result: UG: No. of final year students whose credit score > 8: 57 out of 61 Percentage: 93%		
8			
	(i) Scholarship: 156 (ii) Only Half/Full free: 35 (iii) Total: 191 out of 191 (	100%)	
9	Number of Publication by Faculties:		
	(i) Number of Journal/article publication: 0 (ii) Number of Book publication: 1		
	0) Number of Wall magazine: 1		
	1) Number of students participated in Seminar & Extra-curricular activities: 96 out of 191 (50%)		
12	2) Number of students taking higher studies: (i) UG: 28 out of 61 (46%)		

- 1 Good students academic performance
- 2 Teachers-students ratio is satisfactory
- 3 Stdents financial assistance is excellent
- 4 Many of UG passout students taking higher studies
- 5 Philosophy is taught only in UG level. Students are encouraged to interact with the faculties. This direct contact with the students is an attraction for students of all sections.
- 6 The students organize and participate in different cultural programs. They celebrateTeachers 'Day, Fresher's Welcome,

#### Weakness of the Department:

- 1 Status of research publication is not upto the mark.
- 2 Participation of the students in Seminar & Extra-curricular activities is not satisfactory.
- 3 Inadequate ICT infrastructure available to the department.

Rajat Barrenji Department of Chemistry Associate Professor & dead Associate Professor & dead Associate Professor & dead Signatures: (i) Ass Department of Chemistry Dr. Rajat Banerjee Barasat Govt. College Professor Department of Mathematics Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt College Centre for Genetic Engineering and Biotechnology University of Calcutta (ii)

Head .

Department of Physics Barasat Government College Associate Professor Barasat Govt. College GovL of West Bengal

(iv) M. M. M. M. Dr. Prabir Kumar Bhattacharya W. E. E. S.

HOD & Associate Dicfactor Departure 



(vii)

Dr. Parthapratim Dasgupta M.A. M.Phil, Ph. D (External members) cipal

	ACADEMIC AUDIT REPORT SUMMARY: Academic Year: 2021-22
XIII His	tory Department
1)	Intake Capacity: UG: 93 PG: 0
2)	Number of Students:
	(A) Under Graduate Section: (Hons only)
	UG SEM-I/II: 64 UG SEM-III/IV: 70 UG SEM-V/VI: 65 Total: 199
3)	Number of Sanctioned Teaching Post: 4
4)	Number of Teachers:
	(i) Professor: 0 (ii) Associate Prof.: 3 (iii) Asst. Prof.: 2 SACT-I/II: 2 Total: 7
5)	Teachers-Students ratio: 28 Students/Teacher
6)	Number of Dropout students:
	(A) UG Dropout:
	SEM-I: 3 SEM-II: 2 SEM-III: 0 SEM-IV: 0 SEM-V: 0 SEM-VI: 1 Average: 1
7)	Result: UG: No. of final year students whose credit score > 8: 43 out of 65 Percentage: 66%
8)	Number students received financial assistance:
	(i) Scholarship: 107 (ii) Only Half/Full free: 12 (iii) Total: 119 out of 199 (60%)
9)	Number of Publication by Faculties:
	(i) Number of Journal/article publication: 1 (ii) Number of Book publication: 1
10	Number of Wall magazine: 0
11	
12	Number of students taking higher studies: (i) UG: 26 out of 65 (40%)

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- 1 Students academic performance is Good
- 2 Teachers-students ratio is good
- 3 Stdents financial assistance is satisfactory
- 4 Department is well equipped with a Seminar Library having most of the latest publications.
- 5 Department do organise seminars, talks, workshops by the erudite persons of multi-disciplinary subjects to connect the students with the world of knowledge outside the classroom and syllabus.

#### Weakness of the Department:

- 1 Department has no specific allotted and marked class rooms with the facilities of projector. Department has no Smart Class Room with the LCD monitor board which is the present-day mode of class-room teaching.
- 2 Department has no Digital Central Library or Seminar Library so e-Resources could not be accessible to the students. Moreover, Digital resources from different sources cannot be stored for the students therefore they have to depend on a few available printed books in the vernacular language.
- 3 Inadequate ICT infrastructure available to the department.

Rejet Berry'r Dr. Rejel Benerjes ociate Professor (W.B.E.S.)(iii) North A. Dan (v) Signatures: (i) Department of Chemistry Associate Professor & Head Barasat Govt. College Professor Department of Mathematics Dept. of Biotechnology & Dr. B. C. Guha Barasat Govt College Centre for Genetic Engineering and Biotechnology University of Calcutta ٢ (iv) (ii) Dr. Prabir Kumar Bhattacharya Albirt de . Protessor of Itment of Zoun t Bonghi State L W. E. E. S. Head HOD & Associate D 1.01. Jet Baruset, (N) 24-PE Department of Physics Barasat Government College Departin West Bang Associate Professor i.v.v Barasat Govt. College Govt of West Bengal (vii) Dr. Parthapratim Dasgupta M.A. M.Phil. Ph. D Principal Barasat Crillege

(External members)