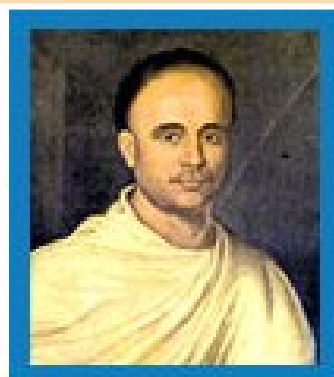
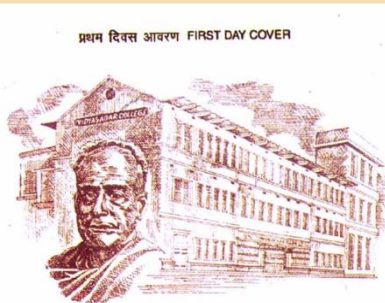


SELF – STUDY REPORT OF VIDYASAGAR COLLEGE

Submitted to



National Assessment and Accreditation Council
An Autonomous Institution of the University Grants Commission



বিদ্যাসাগর কলেজ কে 125 বর্ষ
125 YEARS OF VIDYASAGAR COLLEGE

Vidyasagar College
Founded by Pandit Ishwarchandra Vidyasagar in 1872



Submitted by

Vidyasagar College
39, Sankar Ghosh Lane
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West Bengal

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APRIL 2008

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Part I : Institutional Data

PART I : INSTITUTIONAL DATA

A) Profile of the College

1. Name and address of the college:

Name: VIDYASAGAR COLLEGE		
Address: 39, SANKAR GHOSH LANE		
City: KOLKATA	District: KOLKATA	State: WEST BENGAL
Pin code: 700 006		
Website: www.vidyasagarcollege.in		

2. For communication:

Office

Name	Are a/ STD code	Tel. No.	Fax No.	E-mail	Mobile no.
Principal : DR. TAPAN KUMAR MISHRA	9133	2241 3018 2241 4447	2257 2368	mishratapan@hotmail.com	9434139011
Vice Principal : NA	NA	NA	NA	NA	NA
Steering Committee Coordinator : DR. SHARMILA BHATTACHARYA	-do-	-do-	-do-	milukolkata@gmail.com	9831778917

Residence

Name	Area/ STD code	Tel. No.	E.mail	Mobile No.
Principal : DR. TAPAN KUMAR MISHRA..	913222	264331	mishratapan@hotmail.com	94341 39011
Vice Principal : NA	NA	NA	NA	NA
Steering Committee Coordinator : DR. SHARMILA BHATTACHARYA	9133	2416 4708	milukolkata@gmail.com	98317 78917

3. Type of Institution:

a. By management

- i. Affiliated College
-
- ii. Constituent College

☒
☐

b. By funding

- i. Government
-
- ii. Grant-in-aid
-
- iii. Self-financed
-
- iv. Any other
-
- (Specify the type)

☐
☒
☐
☐

c. By Gender

- i. For Men
-
- ii. For Women
-
- iii. Co-education

☐
☐
☒
4. Is it a recognized minority institution?

Yes

☐

No

☒

If yes specify the minority status (Religious/linguistic/ any other)

(Provide the necessary supporting documents)

5. a) Date of establishment of the college:

Date	Month	Year
01	01	1872

b) University to which the college is affiliated: **UNIVERSITY OF CALCUTTA**

6. Date of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	05.11.1956	From the date of initiation of UGC Act.
ii. 12 (B)	05.11.1956	From the date of initiation of UGC Act.

(Certificate of Developmental Assistance to the Colleges during the Xth Plan period, Ref No : F W2 -166/02-03 dated 21.8.2003 is attached)

7. Does the University Act provide for autonomy of Affiliated/ Constituent Colleges?

Yes



No



If yes, has the college applied for autonomy?

UG courses:

Yes



No



PG courses:

Yes



No



8. Campus area in acres/sq.meteres:

1.8839 acres for Colleges in three campuses

2.00 acres (approx) for playground at Marcus Square, Kolkata 700 006

9. Location of the college: (based on Govt. of India census)

Urban



Semi-urban



Rural



Tribal



Hilly area



Any other (specify)



10. Details of programmes offered by the institution: (Give last year's data)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned Student Strength	Number of students admitted		
							M	F	T
i)	UNDER-GRADUATE		3yrs	HS/ISC/ AISS CE/ any 10+2 equivalent level of other State Boards	English/ Bengali				
I. B.Sc. (HONS)									
		a) Physics	-do-	-do-	-do-	50	29	11	40
		b) Chemistry	-do-	-do-	-do-	50	38	10	48
		c) Mathematics	-do-	-do-	-do-	59	43	12	55
		d) Zoology	-do-	-do-	-do-	40	15	26	41
		e) Botany	-do-	-do-	-do-	35	16	16	32
		f) Physiology	-do-	-do-	-do-	25	11	11	22
		g) Geography (B.A. / B.Sc.)	-do-	-do-	-do-	35	18	22	40
		h) Computer Science	-do-	-do-	-do-	30	16	11	27
		i) Electronics	-do-	-do-	-do-	20	-	-	-
		j) Biochemistry	-do-	-do-	-do-	25	-	-	-
		k) Economics (B.A. / B.Sc.)	-do-	-do-	-do-	60	15	23	38
II. B.A. (HONS)									
		a) Bengali	-do-	-do-	-do-	60	22	34	56
		b) English	-do-	-do-	-do-	63	33	39	72
		c) Sanskrit	-do-	-do-	-do-	60	38	15	53

		d)History	-do-	-do-	-do-	60	31	22	53
		e) Political Science	-do-	-do-	-do-	60	19	21	40
		f) Philosophy	-do-	-do-	-do-	60	14	19	33
		g) Journalism	-do-	-do-	-do-	60	-	-	-
		III. B.Sc. (G) Pure	-do-	-do-	-do-	80	41	07	48
		IV. B.Sc. (G) Bio	-do-	-do-	-do-	93	58	12	70
		V. B.A. (G) (with Geography)	-do-	-do-	-do-	44	35	09	44
		VI. B.A. (G) (without Geography)	-do-	-do-	-do-	140	61	64	125
ii)	POST GRADUATE	Zoology	2 yrs	B.Sc. with Hons in Zoology	English	25	09	16	25
iii)	M.Phil	N.A.	-	-	-	-	-	-	-
iv)	Ph.D	N.A.	-	-	-	-	-	-	-
v)	Certificate course	Computer Awareness Course (only for B.A. /B.Sc. (G) students)	3 months	Same as for B.A./B.Sc. course	English	293			293
vi)	UG Diploma	N.A.	-	-	-	-	-	-	-
vii)	PG Diploma	N.A.	-	-	-	-	-	-	-
viii)	Any other ADD-ON COURSES								

1)	Certificate Course	Communicative English in collaboration with BRITISH INSTITUTE, India	3 months	H.S./ISC/AISS CE/ any 10+2 equivalent level of other State Boards	English	Open			10
	2) Course by Vidyasagar College Computer Centre in collaboration with Institute of Computer Engineers India (recog. By DOE, Govt. of India)	A) DOEACC courses:							
		a) CCC level	3 months	Madhyamik/10 level	English	Open			17
		b) 'O' level	1 yr	H.S./equivalent/ITI	-do-	-do-			49
		c) 'A' level	1.5 yrs	Graduation (2 nd year)/Dip. Engg	-do-	-do-			52
		B) Hardware courses:							
		a) Diploma in Computer hardware	1 yr	H.S. (Science)	-do-	-do-			-
		b) Diploma in computer Hardware & Networking	1 yr	H.S. (Science)	-do-	-do-			-
		C) Others:							
		a) Adv. FA	6 months	H.S. (Commerce)	-do-	-do-			-
		b) Adv. DTP	6 months	Madhyamik/10 level	-do-	-do-			-
		c) VB & Oracle	3 months	H.S. with Computer concept	-do-	-do-			14

11. List the departments:

Science	
Departments:	Chemistry, Physics, Mathematics, Botany, Zoology, Physiology, Computer science, Electronics, Bio chemistry, Geography (also in Arts), Economics (also in Arts).
Arts (Language and Social sciences included)	
Departments:	Bengali, English, Sanskrit, Hindi, History, Political science, Philosophy, Journalism, Geography (also in Science), Economics (also in Science).
Commerce	
Departments:	N.A.
Any Other (Specify)	
Departments:	Environmental Science (Interdisciplinary)
POST GRADUATE	
Department:	Zoology

12. Unit Cost of Education (2006-2007 session)

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component = Rs. 3269.71 (approx)

(b) Excluding the salary component = Rs. 2911.42 (approx)

B) Criterion-wise Inputs

Criterion I: Curricular Aspects

1. Does the College have a stated

Vision?

Yes	√	No	
-----	---	----	--

Mission?

Yes	√	No	
-----	---	----	--

Objectives?

Yes	√	No	
-----	---	----	--

2. Does the college offer self-financed Programmes?

Yes ☒ No ☐

If yes, how many?

- 1 (PG)
- 4(Honours) programmes are partially self-financed
- 4(General) subjects are partially self-financed.

Fee charged for each programme :

Sl.No.	Programme	College Head (3 yrs): (Course Fee, Session Fee, Student Union, Caution Money, Tution Fee, Lab. Charges etc.) (Rs.)	Calcutta University charges (3 yrs): (Centre Fee, Regis. Fee, Exam Fee, Form Charges etc) (Rs.)	Total (3 yrs) (Rs.):
NORMAL AIDED COURSES				
1.	B.A. (Hons.) & Eco (Hons.)	4586	1120	5706
2.	Physics (Hons.)	7481	1270	8751
3.	Maths (Hons.)	7481	1320	8801
4.	Geography (Hons.)	7481	1420	8901
5.	Chemistry (Hons.)	7841	1570	9411
6.	Zoology (Hons.)	7841	1400	9241
7.	Botany (Hons.)	7841	1495	9336

8.	Physiology (Hons.)	7841	1420	9261
9.	B.A. (Gen) with Geog	4176	1220	5396
10.	B.A. (Gen) without Geog	3591	1120	4711
11.	B.Sc. Pure (Gen)	5921	1240	7161
12.	B.Sc. Bio (Gen)	6281	1480	7761
SELF FINANCED GENERAL COURSES				
13.	Electronics (Gen.)	3400 X 2 = 6800	50 (extra)	6850
14.	Journalism (Gen.)	1800 X 2 = 3600	50 (extra)	3650
15.	Computer Science (Gen.)	4000 X 2 = 8000	-	8000
SELF FINANCED HONS. COURSES				
16.	Computer Science (Hons.)	42381	1270	43651
17.	Bio chemistry (Hons.)	23062 X 3 = 69186	Not yet finalised	
18.	Journalism (Hons.)	15062 X 3 = 45186	-do-	
19.	Electronics (Hons.)	15062 X 3 = 45186	-do-	
POST GRADUATION : College Head (2 yrs) (Admission / Session / Student Union/ Caution Money / Tution / Exam / Library / Building / Lab. Charges etc.) (Rs.)				
	Zoology (2 yrs)	79150	-	79150
GENERAL COMPUTER AWARENESS COURSE				
	Computer awareness (Only for General students)	400	-	400
COMPUTER CENTRE COURSES: DOEACC				
1.	CCC Level	2000		
2.	'O' Level	7500		
3	'A' Level	18000		
4.	VB & Oracle	3000		

8. How long does it take for the institution to introduce a new programme within the existing system?

Approx. 6 months

9. Does the institution develop and deploy action plans for effective implementation of the curriculum?

Yes	√	No	
-----	---	----	--

10. Was there major syllabus revision during the last five years? If yes, indicate the number.

Yes	√	No		Number	02 for each prog.
-----	---	----	--	--------	-------------------

11. Is there a provision for Project work etc. in the programme? If yes, indicate the number.

Yes	√	No		Number	08
-----	---	----	--	--------	----

12. Is there any mechanism to obtain feedback on curricular aspects from

a. Academic Peers?

b. Alumni?

c. Students?

d. Employers?

e. Any other?

Yes	√	No	
Yes		No	√
Yes		No	√
Yes		No	√
Yes	√	No	

No formal method involving (b) - (d) since it is an Affiliated College and follows curriculum devised by University of Calcutta. Hence informal methods are adopted as improvisations, as per decision taken by Governing Body and Academic sub-committee of the college.

Criterion II: Teaching-Learning and Evaluation

1. How are students selected for admission to various courses?

- a) Through an entrance test developed by the institution
- b) Common entrance test conducted by the University/Government
- c) Through interview
- d) Entrance test and interview
- e) Merit at the previous qualifying examination
- f) Any other (specify)

√

2. Highest and Lowest percentage of marks at the qualifying examination considered for admission during the previous academic year (2006 -2007 session):

Programmes (UG and PG)	Open category		SC/ST category		Any other (specify)	
	Highest (%)	Lowest (%)	Highest (%)	Lowest (%)	Highest (%)	Lowest (%)
UG (Hons.)						
1) Physics	88.8	68.4	72.6	55.0	-	-
2) Chemistry	88.8	68.5	85.6	63.9	-	-
3) Mathematics	86.1	63.2	67.5	57.8	-	-
4) Zoology	84.2	60.9	75.8	50.6	-	-
5) Botany	68.8	60.0	68.9	42.1	-	-
6) Physiology	83.6	60.5	63.8	54.6	-	-
7) Computer Science	78.4	72.5	70.9	49.7	-	-
8) Geography	83.3	67.3	74.2	64.4	-	-
9) Journalism (2007 – 2008 session)	68.4	55.5	No student	No student	-	-
10) Biochemistry (2007 – 2008 session)	73.8	51.8	61.1	61.1	-	-
11) Electronics (2007 – 2008 session)	76.2	52.4	61.2	61.2	-	-
12) Bengali	75.8	51.0	72.8	45.0	-	-

13) English	88.8	64.7	72.6	54.0	-	-
14) Sanskrit	72.9	60.9	49.6	41.5	-	-
15) History	73.4	53.4	59.1	51.4	-	-
16) Political Science	70.0	68.7	50.2	43.5	-	-
17) Philosophy	62.1	50.1	60.0	40.7	-	-
19) Economics	81.8	52.1	72.1	51.9	-	-
UG (Gen.)						
19) B.A. (Gen.)	62.4	32.8	53.5	32.5	-	-
20) B.A. (Geog Gen.)	53.8	45.9	50.5	42.5	-	-
21) B.Sc. (Gen. Pure)	67.0	43.4	48.8	43.4	-	-
22) B.Sc. (Gen. Bio)	72.0	43.5	53.0	42.1	-	-
PG (Zoology)						
23) Zoology	63.6	44.1	48.8	43.1	-	-

3. Number of working days during the last academic year

240

4. Number of teaching days during the last academic year

205

5. Number of positions sanctioned and filled

Sanctioned / Filled

Teaching

85 + 6(GLI) (Principal + Librarian + Asstt Librarian)	64 + 5(GLI) (Principal + Asstt Librarian)
24	21
23	20

Non-teaching

Technical



6. a Number of regular and permanent teachers (gender-wise) (Dec 2007 data)

Professors	M	NA	F	NA
Readers	M	15	F	14
Sr. Grade lecturers	M	06	F	08
Senior Lecturers	M	07	F	08
Lecturers	M	01	F	05
Graduate Lab Instructor	M	05	F	00

b Number of temporary teachers (gender-wise)

Lecturers – Full- time	M	NA	F	NA
------------------------	---	----	---	----

Lecturers – Part-time	M	NA	F	NA
-----------------------	---	----	---	----

Lecturers (Management appointees) - Full time	M	05	F	03
---	---	----	---	----

Lecturers (Management appointees) - Part time	M	14	F	21
---	---	----	---	----

Any other (Guest Lecturers – PG)	M	19	F	04
----------------------------------	---	----	---	----

Total	M	38	F	28
-------	---	----	---	----

c. Number of teachers

From the same State	69
From other States	00

* M – Male F – Female

Number %

7. a. Number of qualified/ permanent teachers and their percentage to the total number of faculty
- | | |
|----|------|
| 69 | 61.6 |
|----|------|
- b. Teacher: student ratio
- | |
|-----------|
| 1 : 18.52 |
|-----------|
- c. Number of teachers with Ph.D. as the highest qualification and their percentage to the total faculty strength
- | | |
|----|-------|
| 41 | 53.25 |
|----|-------|
- d. Number of teachers with M. Phil as the highest qualification and their percentage to the total faculty strength
- | | |
|----|-------|
| 13 | 16.88 |
|----|-------|
- e. Percentage of the teachers who have completed UGC, NET and SLET exams
- | | |
|----|------|
| 22 | 34.3 |
|----|------|
- f. Percentage of the faculty who have served as resource persons in Workshop/ Seminars/ Conferences during the last five years
- | |
|----|
| 17 |
|----|
- g. Number of faculty development programmes availed by teachers (last five years)
- | | 03-04 | 04-05 | 05-06 | 06-07 | 07-08 | Total |
|--|-------|-------|-------|-------|-------|-------|
| UGC/ FIP programme | - | - | - | - | 1* | |
| Refresher: | | | | | | |
| Orientation: | | | | | | |
| Any other (Post Doctoral Research & University Assignment) | | | | | | |
- * applied for
- h. Number of faculty development programmes organized by the college during the last five years
- | | 1 | 2 | 3 | 4 | 5 |
|--|----|----|----|----|----|
| Seminars/ workshops/symposia on curricular development, teaching- learning, assessment | - | - | - | - | - |
| Research management | - | - | - | - | - |
| Invited/endowment lectures | 05 | 05 | 05 | 07 | 05 |
| Any other (specify)(by students) | 01 | 01 | 02 | 01 | 01 |

8. Number and percentage of the courses where predominantly the lecture method is practiced

Number	%
09	45

9. Does the college have the tutor-ward system? Yes ☐ No ☒

If yes, how many students are under the care of a teacher?

NA

10. Are remedial programmes offered?

Yes	☒	No	☐	Number	22
-----	-------------------------------------	----	--------------------------	--------	----

(Remedial Course Grant though was not received from UGC in the Xth Plan period)

11. Are bridge courses offered?

Yes	☐	No	☒	Number	
-----	--------------------------	----	-------------------------------------	--------	--

12. Are there Courses with ICT-enabled teaching-learning processes?

Yes	☒	No	☐	Number	5
-----	-------------------------------------	----	--------------------------	--------	---

13. Is there a mechanism for:

a. Self appraisal of faculty? Yes ☒ No ☐

b. Student assessment of faculty performance? Yes ☒ No ☐

14. Do the faculty members perform additional administrative work? If yes, the average number of hours spent by the faculty per week

Yes ☒ No ☐

1) Approx 2 hours / teacher who are members of diff. sub-committees.
 2) 5/6 hours/ teacher /week who are convenors of sub-committees.
 3) 8/10 hours/teacher /week who are convenors/members of committees.
 4) 2 hr / teacher/week for at least 2 teachers in University administration

Criterion III: Research, Consultancy and Extension

1. How many teaching faculty are actively involved in research? (Guiding student research, managing research projects etc.,)

Number	% of total
08	11.59

2. Research collaborations

- a) National

Yes ☒ No ☐

If yes, how many?

Seven at present

- b) International

Yes ☒ No ☐

If yes, how many?

Two

3. Is the faculty involved in consultancy work?

Yes ☒ No ☐

If yes, consultancy earnings/
year (average of last two years may be
given)

Consultancy services offered by
teaching faculty in different
Educational Boards /
Committees, Organization /
Universities on a VOLUNTARY
BASIS without accepting
Consultancy charges.

4. a. Do the teachers have ongoing/ completed research projects?

Yes ☒ No ☐

If yes, how many?

On going

07

Completed

06

- b. Provide the following details about the ongoing research projects

Project	Yes	No	Number	Agency	Amt.
Major projects	√		04	1) DST, Govt of India. 2) SDTT-ICCF, Institute of Forestry Management, All India Coord. Project. 3) West Bengal Bio Diversity Board, Govt. of West Bengal. 4) Rufford Small Grant Foundation, London	Rs. 1000000 Rs. 200000 Rs. 90000 Rs. 379088 (£ 4988)
Minor projects	√		02	1) UGC – Minor, Govt. of India 2) UGC – Minor, Govt. of India	Rs. 80000 Rs. 42500
Industry sponsored		√			
Any other (specify)	√		01	Virginia Commonwealth School of Pharmacy, University Richmond, Virginia, USA	@ \$ 2500pm
No. of student research projects	√		04 Departmental fieldwork	Vidyasagar College	@ Rs.15000 per Department = Rs. 60000

5. Research Publication:

Type	Yes	No	Number
International journals	√		167
National journals – refereed papers	√		67
College journal	√		I) 2 Volumes (PROSPECT, VC Teachers' Council. II) Journal of Vidyasagar College, Kolkata (in press, 2008). III)a) Vidyasagar College Magazine (published from 1923-1973): No. of Volumes = 38 b) Golden Jubilee Issue of Vidyasagar College Magazine (1973-74), No. = 1 c) Reprint of College Magazine (1978-81 Issue) [Vintage articles by Rabindranath Tagore, A.P.C. Roy, Netaji Subhas Chandra Bose, Shyamaprasad Mukherjee, Sarat Chandra Chattopadhyay etc.] No. = 1
Books	79		
Abstracts	282		
Any other (specify)	√		I) Volume (2) a) Vidyasagar College 100 yrs Commemoration Volume (1975) b) Vidyasagar College 125 yrs Commemoration Volume published (2005) II) Souvenirs (2) 125th Commemoration Souvenirs (2 vols.)
Awards / Recognition / Patents etc.	√		12 Faculty members have received awards at conferences/by Societies and Organizations.

6. Has the faculty

a) Participated in Conferences?	Yes	☒	No	☐	Number	282
b) Presented research papers in Conferences?	Yes	☒	No	☐	Number	121

7. Number of extension activities organized in collaboration with other agencies/NGOs (such as Rotary/Lions Club) (average of last two years)

8. Number of regular extension programmes organized by NSS and NCC (average of last two years)

NSS	NCC
1	0

9. Number of NCC Cadets/units

M	0	F	0	Units	0
---	---	---	---	-------	---

{One unit of NCC was present since 1948, but due to lien of OC (Atis Chattopadhyay) unit remains not functional. Efforts are on to establish a fresh unit.}

10. Number of NSS Volunteers/units

M	39	F	20	Units	1
---	----	---	----	-------	---

Criterion IV: Infrastructure and Learning Resources

1.	(a) Campus area in acres	1.8839 acres for Colleges in 3 campuses 2 acres for playground (Marcus Square)
	(b) Built up area in Sq. Meters	(1324.22 × 4 sqm) [Sankar Ghosh Lane Campus] (464.25 × 4 sqm) [Bidhan Sarani Campus] 1056.25 sqm [Saltlake Campus]
	Total:	8210.13 sqm

(*1 sq.ft. = 0.093 sq.mt)

2.	Working hours of the Library	
	(a) On working days	11.00 AM – 5.45 PM
	(b) On holidays	Closed
	(c) On Examination days	11.00 AM – 5.45 PM

3.	Average number of faculty visiting the library/day (average for the last two years)	3 Teachers / day
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4.	Average number of students visiting the library/day (average for the last two years)	41 / day
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5.	Number of journals subscribed to the institution	14 (fourteen)
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6.	Does the library have the open access system?	Yes	For teachers only	No
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7.	a.	Total collection (Number) (as on 31.04.2007)	Total Items	Unique Items
		Books	40213	24128
	b.	Textbooks		
	c.	Reference books	4368	All are unique items
	d.	Magazines	4472	-
	e.	Current journals	Total Items	Unique Items
		Indian journals	12672	All are unique items
		Foreign journals	-	-
		Total journals	12672	-
	f.	Peer- reviewed journals	01	
	g.	Back volumes of journals	0	
	h.	E-resources	Total 104 (including 9AV)	
		CDs/ DVDs	104	
		Databases (as on 4.03.2008, 15.40 hrs)	SOUL Database :17257(automatic catalogue volume)	
			Out of Database : 11566(unique titles)	
		Online journals	All affiliating University journals and USIS	
		Audio- Visual resources	09	

i. Special collections (numbers)

Repository	Yes	√	No	No.	
(World Bank , OECD, UNESCO etc.)					
Interlibrary borrowing facility	Yes	√	No	No.	02
Materials acquired under special schemes (UGC, DST etc.) (COSCIP & COHSCIP)	Yes	√	No	No.	628 & 608
	Yes	√	No	No.	104
Materials for Competitive examinations including Employment news, Yojana etc.	Yes		No	√	No.
Book Bank	Yes		No	√	No.
Braille materials	Yes	√	No	No.	01
Manuscripts	Yes	√	No	No.	06
Any other (specify) (rare items)					

8 Number of books/journals / periodicals added during the last two years and their total cost

	The year before last		Last Year	
	Number	Total Cost (Rs.)	Number	Total Cost (Rs.)
Text books	107	26688.00	802	201351.17
Reference Books	253	51156.00	208	47120.36
Other books	-	-	-	-
Journals/Periodicals	101	2962.00	271	4773.00
Encyclopedia	-	-	-	-
Any other(specify)	-	-	-	-

9. Mention the

 Total carpet area of the Central Library
 (in sq. ft)

1140 sq ft

Number of departmental libraries

09 (at present)

 Average carpet area of the
 departmental libraries

variable

 Seating capacity of the Central Library
 (Reading room)

 30 students
 5 faculty members

10. Status of Automation of the Library

not initiated

fully automated

partially automated

☐
☐
☒

 11. Percentage of library budget in relation to the
 total budget
 (2006 – 2007)

~ 6%

12. Services/facilities available in the library (If yes, tick in the box)

Circulation

☒

Clipping

☒

Bibliographic compilation

☐

Reference

☒

Reprography

☐

Computer and Printing

☒

Internet

☒

Inter-library loan (USIS Membership)

☒

Power back up

☒

Information display and notification

☒

User orientation /information literacy

☒

Any other (specify)

- 1) GB resolution / Proceedings from 1996 – 2007 maintained and stored in Library Computer.
- 2) UGC related matters from 7th Plan to 10th Plan.
- 3) 125th yr. commemoration, major correspondence performed by Library.
- 4) Placement / promotion performed upto 2007
- 5) Preservation of rare and historically important books.

13. Average number of books issued/returned per day

70 / days

14. Ratio of library books to the number of students enrolled

16.13 : 1

15.

Computer Facilities

Number of computers in the college

46 (College)

16 (Comp. Centre)

Number of Departments with computer facilities

10

Central computer facility (Number of terminals)

Budget allocated for purchase of computers during the last academic year

Amount spent on maintenance and upgrading of computer facilities during the last academic year

Network with 9 terminals.
Rs. 325000 (Approx)
Rs. 17426 + Rs. 35000 (GIS Software)

Internet Facility, Connectivity

Dialup	Broadband	Others (Specify)
-	2	-

Number of nodes/ computers with Internet facility

4 (through LAN) in Computer Science Dept & 9(through LAN) in Computer Centre
--

16. Is there a Workshop/Instrumentation Centre?

Yes		No	√	Available from the year	
-----	--	----	---	-------------------------	--

17. Is there a Health Centre?

Yes	√	No		Available from the year	2005
-----	---	----	--	-------------------------	------

18. Is there Residential accommodation for Faculty ?

Yes		No	√
-----	--	----	---

Non-teaching staff ?

Yes	√	No	
-----	---	----	--

(Only for Night Watchman.)

19. Are there student Hostels?

Yes		No	√
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[Presently one student hostel (to accommodate 35 female students) is under construction at Salt Lake Campus in Phase I, and planned to be increased in near future].

If yes, number of students residing in hostels

NA

Male

Yes		No		Number	NA
-----	--	----	--	--------	----

Female

Yes		No		Number	NA
-----	--	----	--	--------	----

20. Is there a provision for

a) Sports fields

Yes	√	No	
-----	---	----	--

b) Gymnasium

Yes		No	√
-----	--	----	---

(Under restructuring and required construction)

c) Womens' rest rooms

Yes	√	No	
-----	---	----	--

d) Transport

Yes		No	√
-----	--	----	---

e) Canteen/Cafeteria

Yes	√	No	
-----	---	----	--

f) Students centre

Yes	√	No	
-----	---	----	--

g) Vehicle parking facility

Yes	√	No	
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Criterion V: Student Support and Progression

1. a Student strength

(Provide information in the following format, for the past two years)

Student Enrolment		UG			PG			M.Phil			Ph.D			Diploma / Certificate			Self-Funded		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Number of students from the same State where the college is located	05 - 06	1123	928	2051	07	19	26				3	2	5	-	-	-			
	06 - 07	1407	1043	2450	09	16	25							-	-	-			
Number of students from other States	NA																		
Number of NRI students	NA																		
Number of foreign students	05 - 06	01		01															
	06 - 07	01		01															

M – Men, F- Female, T-Total

- b. Dropout rate in UG and PG (average for the last two batches)
 (Data with respect to students at time of admission and who completed the course)

	Year	Number	%
UG	2003 – 06	182	32.38
	2004 – 07	340	41.12
PG	2006 – 07	-	-

2. Financial support for students: (last Year)	Number	Amount
Endowments:	15	13724
Freeships:	60	45000
Scholarship (Government)[National]	06	15280
Scholarship (Institution)	06	26300
Number of loan facilities:	-	-
Any other financial support (Students Aid Fund)	25	40000
Others (Labour welfare)	01	2000
SC/ST (Government)	213*	

(* All expenditure of students relieved except Library & Lab caution money)

3. Does the college obtain feedback from students on their campus experience? Yes ☒ No ☐

4. Major cultural events (data for last year)

Events	Organized			Participated		
	Yes	No	Number	Yes	No	Number
Inter-collegiate		√		√		04
Inter-university		√		√		03
National		√		√		04
Any other		√		√		02
1) International						
2) College Programmes and events	√		09			

5. Examination Results:

Results	UG					PG
	1	2	3	4	5	
	2003	2004	2005	2006	2007	2007
Pass Percentage	97.78	97.71	97.37	95.86	97.36	100
Number of first classes	40	49	42	59	32	26
Number of distinctions	University of Calcutta has not provided such data to Affiliated Colleges.					
Ranks (if any)	-do-					



6. Number of overseas programmes on campus and income earned: NA

7. Number of students who have passed the following examinations during the last five years

	2003	2004	2005	2006	2007
NET	03	11	07	03	07
SLET	-	05	04	03	01
CAT	-	-	-	-	-
TOEFL	-	01	05	04	03
GRE	-	01	05	04	03
GMAT	Data not available				
Civil services (IAS / IPS/IFS)	Data not available				
Defence Entrance	Data not available				
Other services	About 70-80% students get admitted to MSc /MA/BTech every year				
Any other(specify)					

8. Is there a Student Counselling Centre?

Yes	√	No	
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9. Is there a Grievance Redressal Cell?

Yes	√	No	
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10. Does the college have an Alumni Association?

Yes	√	No		Formed in the year	1991
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[Alumni Association of Vidyasagar Group of Colleges formed In 1991 {Regn.No S/92086 of 98-99}.

Formation of Alumni Association of Vidyasagar College has been initiated and is in the process of being constituted]

11. Does the college have a Parent-teachers Association?

Yes		No	√	Formed in the year	
-----	--	----	---	--------------------	--

(Parent –Teacher meeting are conducted twice a year.)

Criterion VI: Governance and Leadership

1. Has the institution appointed a permanent Principal?

Yes	√	No	
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If Yes,
Denote the qualifications

M.Sc, PhD.

If No,
For how long has the position been vacant?

NA

2. Number of professional development programmes held for the Non-teaching staff (last two years)

Software training, Audit / Accounts training, P.F. Calc. training on module etc. for NT staff done, as and when required for updation.

3. Financial resources of the college (approximate amount) – [2006 – 2007 data]

SOURCE	CATEGORY	AMOUNT (in Rupees)
Grant-in-aid	1) Pay Packet – State Govt.	25482069.00
	2) UGC	
Fee from aided courses	1) Tuition Fee(including all partially self-financed courses)	2387995.00
	2) Course Fee	728280.00
	3) Admission Charges	203905.00
	4) Lab Charges	423120.00
Donation	1) Computer Centre Charges	161453.00
	2) Teacher's Council	600879.00
	Total	762332.00
Fee from Self-funded courses	1) PG (Entire fees)	1720000.00 (approx)
	2) Self-financed UG Courses (Tuition fee, course fee, Development fee etc for Comp Sc(H&G), Electronics (G), Journalism(G)	650000.00(approx)

Any other

1) Sale of forms	273040.00
2) Sale of Prospectus	277650.00
3) Form Processing	48238.00
4) Transfer Fee	4425.00
5) Fee Book	7340.00
6) Fine	1551.00
7) Misc. Fees	1405.00
8) Caution money forfeited(Lab)	81675.00
9) Lib Caution money forfeited	24120.00
10) Sale of old material	5430.00
11) Administrative Charges	47100.00
12) Ext. Exam Centre Fee	154431.00
13) Breakage Charges	8960.00
14) Enlistment Charges	3800.00
15) Bank Interest	172561.00
16) Searching fees	3495.00

4. Statement of Expenditure (for last two years)

Item	2005 -2006	2006 - 2007
Salary Pay-packet (Teaching & Non-teaching from Govt)	26160195	25482069
% spent on the salaries of faculty(contractual & part-time)	10	10
% spent on the salaries of non-teaching staff including contractual and part-time	5	5
% spent on Building development	15	24
% spent on books and journals*	6	7
% spent on hostels, and other student amenities	20	20
% spent on maintenance - electricity, water, telephones, infrastructure	20	20
% spent on academic activities of departments - laboratories, green house, animal house, field trips etc.	12	9
% spent on research, seminars, etc.	5(UG)	5(UG)
% spent on miscellaneous expenditure	7	1

* Library expenditure towards books and journals is primarily covered under UGC Xth Plan. Expenditure under Library head has been increased in 2007-2008.

5. Dates of meetings of Academic and Administrative Bodies during the last two years:
Governing Body

Last year	Year before last
<u>Total (2007) = 09</u>	<u>Total (2006) = 11</u>
1) 27.01.2007	1) 25.02.2006
2) 31.01.2007	2) 11.03.2006
3) 19.02.2007	3) 08.06.2006
4) 19.03.2007	4) 29.06.2006
(Building Committee)	5) 01.07.2006
5) 11.04.2007	6) 24.07.2006
6) 08.06.2007	7) 31.07.2006 (Zoology)
7) 18.06.2007	8) 09.08.2006
8) 31.07.2007	9) 14.08.2006
9) 28.08.2007	10) 25.11.2006
	11) 12.12.2006

Internal Administrative Bodies

1) Finance Committee	<u>Total (2007) = 06</u> 1) 8.01.2007 2) 23.03.2007 3) 7.06.2007 4) 16.08.2007 5) 19.09.2007 6) 28.11.2007	<u>Total (2006) = 07</u> 1) 20.3.2006 2) 30.5.2006 3) 30.6.2006 4) 18.8.2006 5) 22.8.2006 6) 20.9.2006 7) 6.12.2006
	<u>Total (2007) = 04</u> 1) 14.03.2007 2) 13.04.2007 3) 14.08.2007 4) 19.12.2007	<u>Total (2006) = 02</u> 1) 30.03.2006 2) 8.12.2006
	<u>Total (2007 - 2008) = 02</u> 1) 07.12.2007 2) 15.03.2007	<u>Total (2006 - 2007) = 02</u> 1) 13.02.2007 2) 12.06.2007
2) Examination Sub-Committee		
3) Academic Sub-Committee		
<u>Any other</u>	<u>2007 Dates</u>	<u>2006 Dates</u>
1) Admission Sub Committee	<u>Total = 06</u> 1) 16.05.2007 2) 02.06.2007 3) 15.06.2007 4) 27.06.2007 5) 11.07.2007 6) 20.07.2007	<u>Total = 06</u> 1) 12.05.2006 2) 02.06.2006 3) 12.06.2006 4) 23.06.2006 5) 11.07.2007 6) 27.06.2006
2) Routine Sub Committee	<u>Total (2007) = 02</u> 1) 07.02.2007 2) 19.06.2007	<u>Total (2006) = 02</u> 1) 30.01.2006 2) 06.07.2006

6. Are there Welfare Schemes for the academic community?

Loans:

Yes	√	No	
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Medical allowance

Yes	√	No	
-----	---	----	--

Any other (specify)

Yes	√	No	
-----	---	----	--

7. Are there ICT supported / Computerized units/processes/activities for the following?

a) Administrative section/ Office

Yes	√	No	
-----	---	----	--

b) Finance Unit

Yes	√	No	
-----	---	----	--

c) Student Admissions

Yes	√	No	
-----	---	----	--

d) Placements

Yes	√	No	
-----	---	----	--

e) Aptitude Testing

Yes		No	√
-----	--	----	---

f) Examinations

Yes	√	No	
-----	---	----	--

[Partly]

g) Student Records

Yes	√	No	
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Criterion VII: Innovative Practices

1. Has the institution established Internal Quality Assurance Mechanism?

Yes	√	No	
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2. Do students participate in the Quality Enhancement Institution?

Yes	√	No	
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3. What is the percentage of the following student categories in the institution? (2006 – 2007)

a. SC	12.75 %
b. ST	1.19 %
c. OBC	-
d. Women	43.1 %
e. Differently-abled	-
f. Rural	~ 40 %
g. Tribal	-

4. What is the percentage of following category of staff?

	Category	Teaching staff		Non-teaching staff	
		Number	%	Number	%
A	SC	05	7.2	06	14.63
B	ST	-	-	02	4.9
C	OBC	01	1.4	-	-
D	Women	35	50.72	02	4.9
E	Physically-challenged	-	-	01	2.5
F	General Category	63	91.3	33	80.48

5. What is the percentage incremental academic growth of the following category of students for the last two batches?

	Category	At Admission		On completion of the course	
		Batch I (2003 – 04)	Batch II (2004 – 05)	Batch I (2005 – 06)	Batch II (2006 – 07)
a.	SC	115	136	52	73
b.	ST	04	10	02	01
c.	OBC	-	-	-	-
d.	Women	339	371	257	182
e.	Physically challenged	-	-	-	-
f.	General Category	724	741	479	496
g.	Any other	-	-	-	-

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	Physics
2	Year of Establishment	1905
3	Number of Teachers sanctioned and present position	11+2 8+2
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	3+1(Laboratory staff)
6	Number of Teachers and Students	8+2 , 168(H), 442(G)
7	Demand Ratio (No. of seats : No. of applications)	1:16
8	Ratio of Teachers to Students	1:61
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07
11	Number of students passed NET/SLET etc. (last two years)	5
12	Success Rate of students (What is the pass percentage as compared to the University average?)	80%
13	University Distinction/ Ranks	Data not available
14	Publications by faculty (last 5 years)	Papers- 8 ,books-2
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	5(N), 7(In)
17	Number of National and International seminars organized (Last five years)	Nil, 1 U.G.C. seminar sanctioned
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	1 applied for
20	Research projects completed during last two & its total outlay	1(U.G.C. Minor2005-07)
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	200
24	Number of Journals/Periodicals	Present in Library
25	Number of Computers	3
26	Annual Budget	Rs. 45,000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	CHEMISTRY
2	Year of Establishment	1885
3	Number of Teachers sanctioned and present position	13+1, 10+1
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	4+1(Laboratory staff)
6	Number of Teachers and Students	10+1, 90(H),150(G)
7	Demand Ratio (No. of seats : No. of applications)	1:12
8	Ratio of Teachers to Students	1:24
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07(H&G)
11	Number of students passed NET/SLET etc. (last two years)	A few
12	Success Rate of students (What is the pass percentage as compared to the University average?)	98-99%
13	University Distinction/ Ranks	Av 1 st class /year
14	Publications by faculty (last 5 years)	11(Publications)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	9(N)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	NIL
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Coscip-101, Donated-47
24	Number of Journals/Periodicals	00
25	Number of Computers	1
26	Annual Budget	Rs. 1,60,000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	MATHEMATICS
2	Year of Establishment	1907
3	Number of Teachers sanctioned and present position	5, 3
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	Nil
6	Number of Teachers and Students	3, 3(part time) 75(H)
7	Demand Ratio (No. of seats : No. of applications)	1:11
8	Ratio of Teachers to Students	1:13
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006(H) 2007(G)
10	Number of students passed NET/SLET etc. (last two years)	Data Not Available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	More than 80%
13	University Distinction/ Ranks	Data not available from C.U.
14	Publications by faculty (last 5 years)	N.A.
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Present in Library
24	Number of Journals/Periodicals	Present in library
25	Number of Computers	2
26	Annual Budget	Rs.5000

		Responses
1	NAME OF THE DEPARTMENT	ZOOLOGY(U.G.)
2	Year of Establishment	
3	Number of Teachers sanctioned and present position	7, 6
4	Number of Administrative Staff	None
5	Number of Technical Staff	Lab staff - 3
6	Number of Teachers and Students	Permanent-6, Part-timer- 4,
7	Demand Ratio (No. of seats : No. of applications)	40 : 550 (approx)
8	Ratio of Teachers to Students	90 : 12
9	Number of research scholars who had their master's degree from other institutions	Not applicable
10	The year when the curriculum was revised last	2006 -2007
11	Number of students passed NET/SLET etc. (last two years)	8-9
12	Success Rate of students (What is the pass percentage as compared to the University average?)	100 %
13	University Distinction/ Ranks	Not available from Univ
14	Publications by faculty (last 5 years)	3
15	Awards and recognition received by faculty (last five years)	None
16	Faculty who have Attended National and International Seminars (last five years)	2
17	Number of National and International seminars organized (Last five years)	01, (1 U.G.C. sanctioned)
18	Number of teachers engaged in consultancy and the revenue generated	None
19	Number of Ongoing projects and its total outlay	None
20	Research projects completed during last two & its total outlay	None
21	Number of inventions and patents	None
22	Number of Ph. D theses guided during the last two years	None
23	Number of Books in the Departmental Library, if any	153
24	Number of Journals/Periodicals	Few
25	Number of Computers	1
26	Annual Budget	60000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	BOTANY
2	Year of Establishment	1959
3	Number of Teachers sanctioned and present position	7+1, 6+1
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	3 (Laboratory staff)
6	Number of Teachers and Students	6+1, 44(H) ,180(G)
7	Demand Ratio (No. of seats : No. of applications)	1:7
8	Ratio of Teachers to Students	1:72
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07(H), 2007-08(G)
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	More than 80%
13	University Distinction/ Ranks	Data not available
14	Publications by faculty (last 5 years)	Publications-15, Books-5
15	Awards and recognition received by faculty (last five years)	01
16	Faculty who have Attended National and International Seminars (last five years)	05(N) 1(IN)
17	Number of National and International seminars organized (Last five years)	Nil (I U.G.C. seminar sanctioned)
18	Number of teachers engaged in consultancy and the revenue generated	01
19	Number of Ongoing projects and its total outlay	4(Ongoing), 2(Applied)
20	Research projects completed during last two & its total outlay	3
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	3(completed),2(ongoing)
23	Number of Books in the Departmental Library, if any	80
24	Number of Journals/Periodicals	1
25	Number of Computers	1
26	Annual Budget	Rs.32000

	PROFILES OF DEPARTMENTS	RESPONSES
1	Name of the Department	PHYSIOLOGY
2	Year of Establishment	1996 (H)
3	Number of Teachers sanctioned and present position	4 3+1(in lien)
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	2+1(Laboratory staff)
6	Number of Teachers and Students	3+6(Part time) 40(H), 270(G)
7	Demand Ratio (No. of seats : No. of applications)	1:13
8	Ratio of Teachers to Students	1:36
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07(H),2007(G)
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	More than 95%
13	University Distinction/ Ranks	01
14	Publications by faculty (last 5 years)	05
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2(N), 2 (IN)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	NIL
19	Number of Ongoing projects and its total outlay	01
20	Research projects completed during last two & its total outlay	01
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	20
24	Number of Journals/Periodicals	5
25	Number of Computers	01
26	Annual Budget	Rs. 30,000(App)

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	GEOGRAPHY
2	Year of Establishment	1941
3	Number of Teachers sanctioned and present position	6+1 5+1
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	2 Laboratory Staff
6	Number of Teachers and Students	5+1 112(H),156(G)
7	Demand Ratio (No. of seats : No. of applications)	1:52(H)
8	Ratio of Teachers to Students	1:50
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07(H), 2005-06(G)
11	Number of students passed NET/SLET etc. (last two years)	2(Net), 15 (8 NET+7Slet) last5
12	Success Rate of students (What is the pass percentage as compared to the University average?)	100
13	University Distinction/ Ranks	4th in 2007, 2 nd . In 2004, 381 st class
14	Publications by faculty (last 5 years)	Publications-16, books-16
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	5(N), 3(IN)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil (Applied for and sanctioned one)
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	268(From central lib)+160(Donated)
24	Number of Journals/Periodicals	20
25	Number of Computers	4
26	Annual Budget	Rs 40000(approx)

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	COMPUTER SCIENCE
2	Year of Establishment	1995
3	Number of Teachers sanctioned and present position	100
4	Number of Administrative Staff	N.A
5	Number of Technical Staff	Nil
6	Number of Teachers and Students	Nil
7	Demand Ratio (No. of seats : No. of applications)	1:30
8	Ratio of Teachers to Students	1:15
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2007(H+G)
11	Number of students passed NET/SLET etc. (last two years)	N.A.
12	Success Rate of students (What is the pass percentage as compared to the University average?)	99%
13	University Distinction/ Ranks	NA
14	Publications by faculty (last 5 years)	NA
15	Awards and recognition received by faculty (last five years)	NA
16	Faculty who have Attended National and International Seminars (last five years)	Nil, 1 U.G.C. seminar sanctioned
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	100
24	Number of Journals/Periodicals	Nil
25	Number of Computers	14
26	Annual Budget	RS.1,02,000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	ELECTRONICS
2	Year of Establishment	1999
3	Number of Teachers sanctioned and present position	4(PT) ,1(Contract) ,2(Guest)
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	1 (Laboratory staff)
6	Number of Teachers and Students	4+1+2, 28(H), 21(G)
7	Demand Ratio (No. of seats : No. of applications)	1:2
8	Ratio of Teachers to Students	1:7
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006
11	Number of students passed NET/SLET etc. (last two years)	N.A.
12	Success Rate of students (What is the pass percentage as compared to the University average?)	Hons just started, 100%(G)
13	University Distinction/ Ranks	N.A.
14	Publications by faculty (last 5 years)	N.A.
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	Nil
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Present in Library
24	Number of Journals/Periodicals	Present in Library
25	Number of Computers	1
26	Annual Budget	Rs. 50,000

	. Profile of the Departments	Responses
1	Name of the Department	Bio-Chemistry
2	Year of Establishment	2007
3	Number of Teachers sanctioned and present position	2(1 Contractual, 1P.T.)
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	1(laboratory staff)
6	Number of Teachers and Students	2, 8(H)
7	Demand Ratio (No. of seats : No. of applications)	1:1
8	Ratio of Teachers to Students	2:8
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006
11	Number of students passed NET/SLET etc. (last two years)	N.A.
12	Success Rate of students (What is the pass percentage as compared to the University average?)	Honours just started
13	University Distinction/ Ranks	N.A.
14	Publications by faculty (last 5 years)	9(Papers)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	12
24	Number of Journals/Periodicals	3
25	Number of Computers	Nil
26	Annual Budget	Rs.1,00,000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	BENGALI
2	Year of Establishment	1927
3	Number of Teachers sanctioned and present position	5, 4
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	Nil
6	Number of Teachers and Students	4 1067(H+G+Comp B)
7	Demand Ratio (No. of seats : No. of applications)	1:10
8	Ratio of Teachers to Students	1:267
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07(H), 2007(G)
11	Number of students passed NET/SLET etc. (last two years)	A few
12	Success Rate of students (What is the pass percentage as compared to the University average?)	95%and above
13	University Distinction/ Ranks	Data not available
14	Publications by faculty (last 5 years)	Articles-15, Books-11
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	3(N)
17	Number of National and International seminars organized (Last five years)	Nil (1 sanctioned by U.G.C)
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	2(Honorary basis)
20	Research projects completed during last two & its total outlay	2 (Honorary)
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	40
24	Number of Journals/Periodicals	12
25	Number of Computers	1
26	Annual Budget	RS.10,000(App)

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	ENGLISH
2	Year of Establishment	1872
3	Number of Teachers sanctioned and present position	5, 3+2(PT)
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	N.A.
6	Number of Teachers and Students	3+2, 150(H),30(G),1458(C)
7	Demand Ratio (No. of seats : No. of applications)	1:10
8	Ratio of Teachers to Students	1:307
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2005-06
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	70%(H),60%(G)
13	University Distinction/ Ranks	Nil
14	Publications by faculty (last 5 years)	Nil
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2(N)
17	Number of National and International seminars organized (Last five years)	Nil, 1 U.G.C. seminar sanctioned
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Present in Library
24	Number of Journals/Periodicals	-
25	Number of Computers	-
26	Annual Budget	Rs.6000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	SANSKRIT
2	Year of Establishment	1872
3	Number of Teachers sanctioned and present position	3 2+2(PT)
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	N.A.
6	Number of Teachers and Students	2+2, 120(H),84(G)
7	Demand Ratio (No. of seats : No. of applications)	1:5
8	Ratio of Teachers to Students	1:60
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2005-06
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	100
13	University Distinction/ Ranks	Data not available
14	Publications by faculty (last 5 years)	4 (Publications)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2(N&IN)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	100
24	Number of Journals/Periodicals	Few
25	Number of Computers	Nil
26	Annual Budget	Rs. 8000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	HISTORY
2	Year of Establishment	1872
3	Number of Teachers sanctioned and present position	4 4
4	Number of Administrative Staff	Nil
5	Number of Technical Staff	NIL
6	Number of Teachers and Students	4 , 144(H) 650(G)
7	Demand Ratio (No. of seats : No. of applications)	1:8
8	Ratio of Teachers to Students	1:36(H),1:163(G)
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2005
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	90%& above
13	University Distinction/ Ranks	Data not available
14	Publications by faculty (last 5 years)	8 +8 (Books)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	4(N), 4(In)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	01(U.G.C.Minor,2005-07)
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Available in Library
24	Number of Journals/Periodicals	Available in library
25	Number of Computers	Nil
26	Annual Budget	Rs. 5000

	PROFILES OF DEPARTMENTS	RESPONSES
	Name of the Department	Political Science
1	Year of Establishment	1960
2	Number of Teachers sanctioned and present position	5 3+1(PT)
3	Number of Administrative Staff	N.A.
4	Number of Technical Staff	N.A.
5	Number of Teachers and Students	3+1 120(H), 650(G)
6	Demand Ratio (No. of seats : No. of applications)	1:4
7	Ratio of Teachers to Students	1:25(H) 1:163(G)
8	Number of research scholars who had their master's degree from other institutions	Nil
9	The year when the curriculum was revised last	2005-06
10	Number of students passed NET/SLET etc. (last two years)	Data not available
11	Success Rate of students (What is the pass percentage as compared to the University average?)	80%
12	University Distinction/ Ranks	Data not available
13	Publications by faculty (last 5 years)	3(Publications)
14	Awards and recognition received by faculty (last five years)	Nil
15	Faculty who have Attended National and International Seminars (last five years)	3(N) 1(In)
16	Number of National and International seminars organized (Last five years)	Nil (1Sanctioned U.G.C.)
17	Number of teachers engaged in consultancy and the revenue generated	Nil
18	Number of Ongoing projects and its total outlay	Nil
19	Research projects completed during last two & its total outlay	Nil
20	Number of inventions and patents	Nil
21	Number of Ph. D theses guided during the last two years	Nil
22	Number of Books in the Departmental Library, if any	Present in Library
23	Number of Journals/Periodicals	Present in Library
24	Number of Computers	Nil
25	Annual Budget	Rs. 5000
26		

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	PHILOSOPHY
2	Year of Establishment	1872
3	Number of Teachers sanctioned and present position	4 3+1(PT)
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	N.A.
6	Number of Teachers and Students	3+1 95(H) 80(G)
7	Demand Ratio (No. of seats : No. of applications)	1:4
8	Ratio of Teachers to Students	1:32
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07
11	Number of students passed NET/SLET etc. (last two years)	2
12	Success Rate of students (What is the pass percentage as compared to the University average?)	99%(H&G)
13	University Distinction/ Ranks	21 st . class
14	Publications by faculty (last 5 years)	3(Publications)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	3
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	All in Library
24	Number of Journals/Periodicals	All in Library
25	Number of Computers	Nil
26	Annual Budget	Rs.5000

	PROFILES OF DEPARTMENTS	RESPONSES
1	NAME OF THE DEPARTMENT	ECONOMICS
2	Year of Establishment	1872
3	Number of Teachers sanctioned and present position	4, 2 +3(PT)
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	N.A.
6	Number of Teachers and Students	2+3, 95(H) 250(G)
7	Demand Ratio (No. of seats : No. of applications)	1:5
8	Ratio of Teachers to Students	1:69
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2005=06
11	Number of students passed NET/SLET etc. (last two years)	Data not available
12	Success Rate of students (What is the pass percentage as compared to the University average?)	66% (H), 50(G)
13	University Distinction/ Ranks	Nil
14	Publications by faculty (last 5 years)	7(Publications)
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	2(N), 1(In)
17	Number of National and International seminars organized (Last five years)	Nil
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Present in Library
24	Number of Journals/Periodicals	Present in Library
25	Number of Computers	-
26	Annual Budget	Rs. 10,000

	C. Profile of the Departments (If applicable)	Responses
1	NAME OF THE DEPARTMENT	JOURNALISM
2	Year of Establishment	2005
3	Number of Teachers sanctioned and present position	1 (full time contractual), 2(PT)
4	Number of Administrative Staff	N.A.
5	Number of Technical Staff	1(PT)
6	Number of Teachers and Students	1+2 26(H),120(G)
7	Demand Ratio (No. of seats : No. of applications)	1:3
8	Ratio of Teachers to Students	1:60
9	Number of research scholars who had their master's degree from other institutions	Nil
10	The year when the curriculum was revised last	2006-07
11	Number of students passed NET/SLET etc. (last two years)	N.A.
12	Success Rate of students (What is the pass percentage as compared to the University average?)	100%
13	University Distinction/ Ranks	N.A.
14	Publications by faculty (last 5 years)	Nil
15	Awards and recognition received by faculty (last five years)	Nil
16	Faculty who have Attended National and International Seminars (last five years)	Nil
17	Number of National and International seminars organized (Last five years)	Nil, 1 U.G.C. seminar sanctioned
18	Number of teachers engaged in consultancy and the revenue generated	Nil
19	Number of Ongoing projects and its total outlay	Nil
20	Research projects completed during last two & its total outlay	Nil
21	Number of inventions and patents	Nil
22	Number of Ph. D theses guided during the last two years	Nil
23	Number of Books in the Departmental Library, if any	Present in Library
24	Number of Journals/Periodicals	Present in Library
25	Number of Computers	5
26	Annual Budget	Rs.40,000

C. Profile of the Departments		
		Responses
1	NAME OF THE DEPARTMENT	ZOOLOGY (PG)
2	Year of Establishment	2005
3	Number of Teachers sanctioned and present position	All UG Teachers, 2contractual, 23 Guest Lecturers
4	Number of Administrative Staff	1+3
5	Number of Technical Staff	1+3
6	Number of Teachers and Students	6+2, 50
7	Demand Ratio (No. of seats : No. of applications)	25:75
8	Ratio of Teachers to Students	25 : 50
9	Number of research scholars who had their master's degree from other institutions	Not applicable
10	The year when the curriculum was revised last	Initiated in 2005
11	Number of students passed NET/SLET etc. (last two years)	Not yet appeared
12	Success Rate of students (What is the pass percentage as compared to the University average?)	100 %
13	University Distinction/ Ranks	Meritwise
14	Publications by faculty (last 5 years)	2
15	Awards and recognition received by faculty (last five years)	None in last 5 yrs
16	Faculty who have Attended National and International Seminars (last five years)	3
17	Number of National and International seminars organized (Last five years)	1
18	Number of teachers engaged in consultancy and the revenue generated	No
19	Number of Ongoing projects and its total outlay	Student projects (21)
20	Research projects completed during last two & its total outlay	None
21	Number of inventions and patents	None
22	Number of Ph. D theses guided during the last two years	None
23	Number of Books in the Departmental Library, if any	250
24	Number of Journals/Periodicals	Many
25	Number of Computers	3
26	Annual Budget	40000

Part II : The Evaluative Report

PART II : THE EVALUATIVE REPORT

A. EXECUTIVE SUMMARY

Vidyasagar College, situated at the historical locale of Kolkata, founded in 1872, is a living evidence of spreading the light of education, as thousands of students from all sections of the society, are encouraged by the Institution to go forward, and simultaneously paying tribute to the memory of the great prophet educationist and founder, Pandit Ishwar Chandra Vidyasagar.

At present, the institution, with its permanent affiliation under the University of Calcutta, offers its students programmes in graduate levels, with the flexibilities to pursue the programmes as per Calcutta University norms and post-graduate under autonomous status. By sustaining and enhancing the progress of academic task, the institution has been able to reach the level of offering students from various sections of the society, at least 18 Honours courses, 19 General subjects and one Post-graduate course in Zoology. The institution envisages a mission towards furtherance of education, by opening more post-graduate courses and job-oriented courses and to encourage research aspiration among its students.

It is a co-educational college. The college management is the ‘Governing Body Vidyasagar College’, which provides efficient governance and leadership towards effective and progressive performance of academic, administrative and financial tasks, constituted as per the statute of the Calcutta University. It constitutes of 14 members under the leadership of the President, Dr. Sudin Chattopadhyay, an eminent academician, and Dr. Tapan Kr. Mishra, Principal and Secretary to the Governing Body, while 7 are internal members and 5 others are eminent academicians and administrative personalities of Calcutta University, State Government and Local Society.

The institution follows a strict merit based admission system. The average number of students in the last academic year was 2501, of which 43.1% are female students. Nearly 14% of the students are from SC/ST category and 40% are from rural and backward areas of West Bengal. The average pass percentage of graduating students is 90-95%, while in post graduation; a 100% success has been achieved. Attendance at classes by the students is strictly dealt by the academic sub-committee. Parent-teacher meetings are held regularly. Regular periodical class tests ensure that the syllabi are properly covered and the students have been able to cope up with it.

Tutorial and additional remedial classes are held as a matter of academic task. The laboratories have been renovated to meet the curricular demands. Post-graduate classes in Zoology are conducted along with brilliant faculty members and a new laboratory to facilitate the pursuit of higher learning and specialized computer awareness course for the general course of the students.

The college library has a vast collection of antique and rare books, including some used by the founder himself. It is also equipped with curriculum based text and reference books. Many departments have seminar libraries.

The college organizes seminars, workshops and popular talks on varied topics of academic and social interest. Eminent educationists are invited as resource persons or students serve as the speakers. The institution always keeps vigil to maintain its number of working days and teaching days and other academic and administrative regularity along with the its multifarious events.

Teachers are active in counselling students on academic as well as personal issues. The college has also set up a Grievance Redressal Mechanism.

A health-care unit has been set up to provide available health check-ups to both students and member of the staff. Apart from prizes, scholarships and endowments, poor but meritorious students are offered free studentship and assistance from Students' Aid Fund. For providing proper statutory educational and financial facilities to SC/ST students, there is a separate SC/ST cell.

Vidyasagar College Computer Centre is accredited by the Department of Electronics, Government of India for conducting 'CCC', 'O' level and 'A' level courses recognized by the AICTE. A spoken English course has also been introduced by the 'British Institute'.

The college has been keen to extend its campus from one to three. In the heritage Bidhan Sarani building, classes are being held and the college has started developing its 3rd campus at CL Block of Bidhannagar, which will be ready to start other post-graduate courses accompanied by a girls' hostel too.

Sports and Games, Social and Cultural activities, Science club and N.S.S. are some of the extra-curricular and co-curricular activities that deserve a special mention. The Teachers' Council, Shikshakarmi Union and Students' Union are the three democratic bodies comprising of the members of the concerned sections, which are active in various academic, administrative, cultural and publication activities with a harmonious co-ordination among the three sections.

Lastly, to mention the college has progressed towards an active mechanism of quality assurance, to ensure its continuous improvement in its entire operation and also to assure stake-holders connected with the institution, regarding its purposes.

B. CRITERION-WISE EVALUATIVE REPORT

CRITERION - I

CURRICULAR ASPECT

1.1 Curriculum Design and Development

1.1.1 State the vision and mission of the institution and how it is communicated to the students, teachers, staff & other stakeholders?

An educational institution of pre-eminence, Vidyasagar College is a living evidence of the fact of history: it has truly stood the test of time, spreading the light of education among the people as thousands of students are shaped every year and are encouraged to go forward and face the realities of life in a manner befitting a good citizen and this has been going on for all of a century and thirty six years.

Vidyasagar College came into being as a mark of social identity in education, in 1872, emerging with the name of Metropolitan Institution. Vidyasagar College emerged as the first private college in the Presidency of Bengal, established at a time, when the British Colonial rulers were keen to establish their cultural dominance over the sub-continent to complement the political, social and economic hegemony on this rich land of ours. This started the journey of the institution to disseminate higher education to the needy students and a meagre cost, without earning any aid from the colonial rulers.

The vision : The vision of the Institution till date is to adopt initiatives for promotion of higher education and further sustenance of this 136 year old institution founded by the great philanthropic social reformer, ***Pundit Ishwarchandra Vidyasagar***, with the motto of **knowledge, sacrifice and service** (as depicted in the college logo). The college aims to provide special welfare and aid to backward and deprived sections of the society,

ensuring social justice. The vision also encompasses the expansion of higher education to the women, thus providing proper environment for gender equity – thus following the vision of the founder towards gender empowerment and social justice for women. Above all it aims to help students imbibe, the appropriate values towards socio-economic, socio-cultural and environmental realities, with the ultimate motto of *humanism*.

The mission: Vidyasagar was a self-assigned person to materialize his vision of assembling the two educational cultures to make a single whole. His foremost mission was to establish a completely national education institution in the growing metropolis of Calcutta. It was Vidyasagar who was able to unite the western inquisitiveness and rigorous search for perfection in the pursuit of knowledge, with the tenderness and sympathetic warmth of the Indian heart. The mission of the institution today is hence to enhance higher education, creating a dynamic environment through implementation of technology delivered educational opportunity, collaboration with private, public and semi-public organisations and finally to create a programme of actual human resource development, deploying social justice and ensuring equity to foster competencies amongst students. It has a mission to support, all its teaching – learning programmes by values of traditional and eternal and ethical thoughts. It caters its human and other resources to the backward and the disadvantaged communities, as well as advantaged regions.

The college has a special quality in teacher – student interaction. Within a department or in a general teachers’ room the teachers look to be very sharing and positive to each other. Teachers offer counselling to their students as to their problems informally in

leisure time. The unity of the college teachers that finds expression in the congenial intra-college milieu, favours their work efficiency. The mission is also communicated to the students through prospectus and the first day lecture delivered by the Principal, Head of the Department and other teachers during the '*routine dictation procedure*' which is a traditional method of interaction between teachers and students, practised in this college for a long long time. Teachers, staff and other stake holders are made aware regarding the mission through cultural programmes, college publications, prospectus, journals, occasional volumes, meetings, website and other media. The slogan of the 125th year celebration, '*To uphold the education of the nation*' highlighted its mission. Perceiving its national importance, the Postal Department of Government of India issued a commemorative postal stamp – "125 years of Vidyasagar College" to grace the 125th year celebration in 1997.

1.1.2 How does the mission statement reflect the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's tradition and value orientation.

This 136 year old institution, with its traditional and national background, serves its student community and the society, diverging to the benefits and hardships together in a special way of allocation of skills, intellects, services through its teaching – learning process, governance and leadership, students support programmes and many of its best practices. The college has always been serious in preserving the beneficent values of all periods of time. The college caters to student welfare service and community service along with social education of the students. The college intends to act as facilitators to equip the students with self-reliance to not only face the difficulties of the harsh realities of life but also to overcome them.

1.1.3 Are the academic programmes in line with the institution's goals and objectives?

The college offers higher education to the members of disadvantaged society as well as the disadvantaged. It ensures gender equity, community services and environmental programmes, among and by the students. It also practices value oriented programmes, organizing many socio-cultural events. The college looks for new streams of study that have increasing social and techno-economic demand and relevance. For example: Computer Science, Electronics, Biochemistry, Mass-communication and Journalism. IT gives special attention to introduce ICT courses, as per global and national demands.

1.1.4 How does the curriculum cater to inclusion / integration of information and communication technology (ICT) in the curriculum, for equipping the students, to compete in the global employment markets?

There are five Honours and General departments (Physics, Computer Science, Geography, Journalism and Mass Communication & Mathematics) which have ICT in the curriculum in the Honours and General Courses. A 'Computer Awareness Programme' which is compulsory for the general stream students also supports the development of ICT in the college. Other than these courses, the college has website, internet facilities and computerized library facilities with SOUL software and office automation software (student data and accounting procedures) from *cybersoftec.com*.

1.1.5 Specify the initiatives and contribution of the institution in the curriculum design and development process.

The curriculum is guided by the Calcutta University as the Affiliating University. The Expert Committee for PG studies prepares the whole PG curriculum. The UG curriculum is communicated to the Affiliating University by the honourable members of the Board of Undergraduate Studies, Senate, Undergraduate Council and Syndicate of Calcutta

University. The college ensures quite a good percentage of participating teaching members on these bodies (6.3 %).

1.2 Academic Flexibility

1.2.1 *What are the range of programme options available to learners in terms of Degrees, Certificates and Diplomas?*

Programmes are broadly divided into Masters Degree (autonomous status) and Bachelors Degree (affiliated) under University of Calcutta (CU) and Certificate Courses in Computer (Vidyasagar College Computer Centre).

Undergraduate courses are subdivided into BA & BSc with Honours and BA / BSc General programmes, i.e.

BA Honours, BA General, BA General with Geography, BSc Honours, BSc General (Pure Science), BSc General (Bio Science)

At present there are 18 Honours teaching subjects in BSc and BA undergraduate level. A Computer Awareness Certificate Course is compulsory for all the students in BSc/BA General undergraduate courses (mandatory made by Institution).

At the Computer Centre, students have options to study DOEACC Certificate Courses (C Level, O level and A Level), Hardware Courses, Visual basic and Oracle.

1.2.2 *Give details of the following provisions with reference to academic flexibility, value addition and course enrichment.*

(A) Undergraduate Courses:

a. **Core Options:** Academic flexibility in all the 18 (Honours or Core) subjects are regulated by the University of Calcutta of which the Institution is an Affiliated College.

The syllabus under University of Calcutta is modified at regular intervals in view of its value and necessity in the required subjects in the present day perspectives. The Institution abides by the regulations of Calcutta University.

Each Honours course has 8 (eight) papers of 100 marks each, supported by 2 (two) elective options with 4 papers each of 100 marks (elective marks totalling to 8×100 marks). In addition, Compulsory English and Compulsory Second Language (Bengali / Hindi) each of 50 marks are compulsory for all UG programmes. Environmental Science is a compulsory paper of 50 marks, for every UG programme.

b. **Elective Options:** Students can choose any two elective subjects along with their Honours subjects, as per CU regulations and allowed as possible combination by the Institution (provided in College Prospectus).

Students enrolled in the General UG programme can choose 3 (three) elective papers, as per CU regulations and allowed as possible combination by the Institution (provided in College Prospectus).

c. **Add On Courses:** A Computer Awareness Certificate Course is compulsory for all students enrolled in the BA/BSc, General undergraduate programme (a mandatory programme initiated by Institution), but not mandatory under CU regulations.

Certificate Courses in Communicative English (conducted by British Institute, BBC), and Computer Courses (conducted by Vidyasagar College Computer Centre) are flexible and students enrol themselves if they require and wish.

d. **Inter-disciplinary Courses** : As prescribed by CU, all UG students in B.A./B.Sc. Honours and General have to study Environmental Science as a compulsory subject (1paper of 50 marks) to create general awareness among students about environmental problems, issues and concern.

e. **Flexibility to the students to move from one discipline to another** : Institution provides flexibility in accordance with availability of seats and qualifying criteria as applicable for Institution. In the new (1+1+1) curriculum devised by CU and effective from 2006 – 2007 session, students have to register themselves in CU with a particular subject combination, within one month from the date of admission, hence flexibility to change discipline ceases.

f. **Flexibility to pursue the programme with reference to the time frame (flexible time for completion)**: Flexibility to pursue each programme with time frame is guided by the CU norms. Each student registered under CU with a particular subject is allowed to pursue his / her studies up to 5 years from his / her date of registration, after which it gets cancelled. If however, an Honours student fails to qualify for Honours, (percentage of marks less than that required to qualify Honours but enough to qualify for General), he / she may be qualified for continuing study as a General student, but the total time frame under any circumstance should not exceed 5 years.

(B) PG Courses :

The PG programme enjoys autonomous status, having its own constituted Board of Studies, and follows the Semester System. The duration of study is 2 years, divided into 4 semesters (Total 1000 marks, 250 marks / semester).

SemeTheo = There is provision for studying special paper in Fishery, Entomology and
ster -ry : 6 150
II papermark
s × s
25 =
mark 100 structure of distribution of papers and marks are followed as depicted in
s mark
Pract s Table 1.1
ical :
1 250
papermark
of 5 s
units
= 20
× 5
Total

Table 1. 1 – Structure of PG Course

Semester – I	Theory : 5 papers × 30 marks Practical : 1 paper of 4 units = 25 × 4 Total	= 150 marks = <u>100 marks</u> 250 marks
Semester – II	Theory : 6 papers × 25 marks Practical : 1 paper of 5 units = 20 × 5 Total	= 150 marks = <u>100 marks</u> 250 marks
Semester – III	General Theory : 4 papers × 35 marks = 4 × 35 = General Practical : 1 paper of 4 units = (15 × 2) + (10 × 2) Special Theory : 1 paper of 2 units = 20 × 2 Special Practical : 1 paper of 1 unit = 20 Total	= 140 marks = 50 marks = 40 marks = <u>20 marks</u> 250 marks
Semester – IV	General Theory : 2 papers × 35 marks = 2 × 35 General Practical : 1 paper of 2 units = 2 × 20 Special Theory : 1 paper of 2 units = 40 × 2 Special Practical : 1 paper of 1 unit = 20 Total	= 70 marks = 50 marks = 80 marks = <u>20 marks</u> 250 marks

1.2.3 Give details of the programmes and other facilities available for international students (if any).

International students (one at present from Bangladesh studying Journalism & Mass Communication Honours) enjoy same status and privileges enjoyed by other students, provided they have properly cleared their VISA formalities.

1.2.4 Does the institution offer any self financed programmes in the Institution? If yes, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification and salary etc.

Yes, the Institution does offer self financed programmes:

Table 1.2 – Self Financed Programmes offered by College				
Programme	Session of Commencement	Status	Remarks	Parity & Differences
PG				
1. Zoology	2005 – 06	Fully self financed	Autonomous Status	It is a semester course with higher course fee, tuition fee, development fee and project cost, compared to other PG courses run by University of Calcutta.
UG				
2. Computer Science (Honours)	2004 - 05	Partly Self financed	General subjects (Physics & Maths) are aided	Tuition fee and other fees same as aided courses. Course fee + Lab Charges Extra
3. Computer Science (General)	1998- 99	Self financed General Course	-	Course fee Extra
4. Electronics Science (Honours)	2007 – 08	Partly Self financed	General subjects are aided	Tuition fee and other fees same as aided courses. Course fee + Development fee + Lab Charges Extra
5. Electronics Science (General)	1999-2000	Self financed General Course	-	Course fee Extra
6. Journalism & Mass Communication (Honours)	2007 – 08	Partly Self financed	General subjects are aided	Tuition fee and other fees same as aided courses. Course fee + Development fee + Lab Charges Extra
7. Journalism & Mass Communication (General)	2004– 05	Self financed General Course	-	Course fee Extra
8. Biochemistry (Honours)	2007 – 08	Partly Self financed	General subjects are aided	Tuition fee and other fees same as aided courses. Course fee + Development fee + Lab Charges Extra

a. *Difference in fee structure :*

The PG programme in Zoology is completely self-financed. The other UG programmes in Computer Science Honours, Electronics Honours, Biochemistry Honours and

Journalism and Mass Communication Honours are partially self-financed, since the core subjects are self financed, but 2 elective subjects for each honours programme are aided common subjects offered by College. Computer Science General, Electronics General, Journalism and Mass Communication General Courses are self financed, with respect to fee structure only. Fee structure in Institutional Data (Criterion – I: Curricular Aspects, Page 8)

b. Curriculum :

The PG programme enjoys autonomous status and its syllabus and curriculum are framed by the College / Department of Zoology based on course structure of CU Post Graduation, NET guidelines and 20 % weight age towards curriculum of other Indian Universities and approved by Expert Committee for PG studies. Results and final exams (semester mode) are conducted by the College where Principal is the Controller of Examinations and College Governing Body acts as the Syndicate and a Board of Studies for PG studies constituted by Vidyasagar College. All other UG self financed programmes follow the syllabus and curriculum of the University of Calcutta and get their BSc / BA degree's through University of Calcutta.

c. Admission Procedure :

Admission to all programmes is done on merit basis, based on the last (university / board) qualifying exam.

d. Teacher Qualification :

Most of the teachers are Govt. appointed / selected by West Bengal College Service Commission as per UGC norms, the rest comprises Full-time Contractual, Part-time

(Management appointed) and Guest Lectures. Full Time Contractual and Part Time Lecturers are appointed by the College Management through 'Proper Selection Committee' which comprises of the Principal, Governing Body representative/s, Subject expert/s from Departments and CU nominated subject expert/s as per the norms framed by CU.

e. Salary :

Govt. appointed teachers get their salary from Govt. Pay Packet / Scheme (UGC norms). Contractual and Part time faculty (PT) get their salary from College Fund. Full Time Contractual faculty are paid @ Rs. 8000/- p.m., and PT faculty are paid @ Rs. 4000 or @ Rs. 2000 p.m., depending upon qualification and work load as decided by Selection Committee and Academic sub-committee. Guest Lecturers are paid @ Rs. 200 per class for UG and @ Rs. 300 per class for PG.

f. Facilities :

They are provided with all facilities enjoyed by Permanent Teachers (excluding Provident Fund Benefit).

List of Teachers for Self Financed Courses, in addition to permanent teachers.

Table 1.3 – Teachers for self-financed courses	
PG Course	a. Contractual Full Time = 02 b. Guest Lecturer = average 23 / 25
Computer Science	a. Contractual Full Time = 03 b. Part Timer = 02
Electronics Science	a. Contractual Full Time = 01 b. Part Timer = 04
Journalism & Mass Communication	a. Contractual Full Time = 01 b. Part Timer = 02
Biochemistry	a. Contractual Full Time = 01 b. Part Timer = 01

1.3 Feedback on Curriculum :

1.3.1 *How does the college obtain feedback on curriculum from*

a. Students :

Though there is little scope to invite suggestion of students regarding the curriculum framed by CU, various methods are adopted to obtain feedback on curriculum from students and provide them with a scope to assess their performance.

i. *College Tests:* This includes Periodical / Class Tests (at least 2 / year, totalling to 100 marks) for each Honours student in their respective honours subjects. Regular Class Tests (at least 4 / year, totalling to 100 marks) for each General subject for every Honours as well as General Programme student. All students (Honours & General) appear for Class Tests (at least 2 / year, totalling to 50 marks) in Compulsory English and Compulsory Bengali / Hindi and one Class Test in Environmental Science. All the above tests are centrally conducted by Examination sub committee of the college. Results of these tests are published centrally by the College.

ii. *Students are free to put forth their suggestions in Governing Body meetings, academic sub-committee meetings regarding mode of execution of curriculum (framed by college) through their representatives in respective bodies.*

iii. *Preparatory / Test Examination :* This comprises of two Honours Papers, each of 4 hours duration, carrying 100 marks each, at the end of every academic session (and one extra test Practical exam for Lab based subjects) and one 100 marks test in every general subject, including Compulsory Languages and Environmental Science.

iv. *Class Tests by Departments:* Additional class tests are conducted by most of the departments for their Honours students as and when required.

v. *University Examination :* Results of CU Part I (at the end of 1st year) and Part II (at the end of 2nd year) in the span of 3 year Degree Course provides the students with a scope to assess their performance at the University level.

vi. *Student-teacher interaction:* Answer scripts of Periodical tests are shown to students after examining them by respective Departments, which further helps students to assess their performance. In addition, regular counselling of students by teachers within classroom is a regular practice.

b. *Alumni :*

Alumni can suggest the College Authority regarding the curriculum.

c. *Parents :* Parent-teacher meetings are conducted by Departments officially at dates specified by College, at least twice a year, to make the guardians aware about the academic progress of their ward, and also about their general conduct.

d. *Employers / Industries :*

There is no scope to invite suggestions from Industries in the present curricular framework. However the proposed Course on Natural Resource Management (G.B. resolution dated 08.01.2008) will have plenty of scope to address the needs of Industries and Employers as well.

e. *Academic peers :*

Many esteemed teachers of the college are members of Board of Studies, Senate and Syndicate, University of Calcutta. Feedback on curriculum is thus achieved by interaction in different Board meetings, and also Seminars / workshops organised by CU for almost all the programmes taught.

f. *Community :*

No such mechanism has yet been developed.

The PG programme is newly framed in design with PG courses of other universities at National level and is open for suggestions towards restructuring the course module.

1.3.2 How are the above feedback analysed and the outcome / suggestions used for continuous improvements, and communicated to the affiliating University for appropriate inclusion.

The Institution being an affiliated College under CU, there is little scope for the Institution to provide feedback to University directly.

a. The college has set up two sub-committees namely Academic sub-committee and Examination sub-committee to assess such feedback. Finally such feedback is placed as a special agenda in The Teachers' Council meetings, where they are thoroughly discussed and remedial methods for improvement are undertaken as a resolution.

This feedback is then communicated to the Affiliating University through members of Teaching Staff who are holding responsible positions as Members of Board of Studies of UG Council, CU or members of Senate / Syndicate under CU.

Feedback on curriculum is also undertaken at Workshops / Seminars conducted by CU, where College Teachers from different UG colleges under CU, provide ideas for curriculum design and appropriate inclusion of their feedback.

b. CU in turn also arranges Workshops / seminars in retraining College Teachers, regarding methods of implementing curriculum, after every major revision of syllabus. For PG studies, the governing Body takes steps by meeting the teachers and course Co-ordinator of PG programme if required, as this comprises the Syndicate of the autonomous programme.

1.4 Curriculum Update

1.4.1 What is the frequency and basis for syllabus revision and what are the major revisions made during last 2 years?

The frequency for syllabus revision varies between 5 – 10 years and is based on decisions taken by B.O.S., UG Council of University of Calcutta. The basis of syllabus revision is advancement of knowledge in any branch which is needed to be incorporated. The whole process by CU is executed under the guidance of West Bengal Higher Education Council, through its feedback received by conducting appropriate Seminars / Workshops and inviting Academic Experts from every discipline. The revised syllabus is then structured by University of Calcutta and circulated to its Affiliated Colleges after recommendations of its constituted B.O.S., UG Council.

CU has undergone major revision in syllabus in 2004 to make it at par with other Indian Universities. Major changes in Examination Pattern took place in 2006, where CU switched over from its (2+1) system to (1+1+1) system for all Honours and General

subjects. As a result, framing of syllabus had also taken place, with revisions and updation.

PG Course is conducted by Semester System (4 Semesters in 2 years) of Examination, and PG studies commenced in 2005 – 06 and the first batch of students has just completed their MSc Course. Since then it has not undergone any major change.

1.4.2 How does the Institution ensure that the curriculum bears a thrust on core values adopted by NAAC?

The curriculum followed by CU and hence followed by Institution surely bears a thrust on CORE VALUES adopted by NAAC.

i. ***Contributing to National Development:*** The course module and examination system (1+1+1) adopted after major revision is at par with any other National University. Course module and syllabus for each Honours and General subject has been framed with a vision and mission to establish the subject to meet the regional, national and global need in the present era of modernization and globalization. Following the course module of CU and proper implementation of same at a competitive level, the Institution thereby plays a significant role in Human Resources Development. Many eminent students of this distinguished institution have secured chances in schemes of Higher Education, and thereby registering employment as Scientists, Professors, Administrators, Lecturers, and Teachers across the country in past and present.

In the past, Vidyasagar College has played a leading role during the Nationalist Movement and freedom struggle for the country. In post-independence era the Institution

took active part in various democratic movements. It has produced scores and scores of eminent personalities of whom the country is proud of.

Names of some eminent persons of the past: Swami Vivekananda (noted Social Reformer), Babu Jagjiban Ram (former Home Minister), Sisir Kumar Bhaduri(noted actor), Pankaj Roy(noted cricketer), Acharya Prafulla Chandra Ray (noted chemist), Dr. ManindraMohan Chakraborty (Ex VC, Jadavpur University), Dr. Santosh Bhattacharya (Ex VC, Calcutta University), Dr. Basudeb Barman (Ex VC, Kalyani University), Sri Shyamal Kumar Sen (Retd. Judge, Calcutta High Court), Sri Ajit Banik (Chairman, West Bengal College Service Commission), Omkar Sadhan Adhikari (present Controller of Examination, CU), Dr. Upen Biswas (Ex Director, CBI), Sri Taril Baran Topdar (Member, Lok Sabha) and many many more.

Recent Scenario :

- a. During the past few years the College has tried to cope up with the national needs by opting for opening new courses like Computer Science, Electronics, Journalism and Mass Communication, Biochemistry etc. Efforts have also been taken to run some supporting programmes apart from CU curriculum like compulsory training on Basic Computers and Communicative English.
- b. The Institution offers admission to all sections – SC / ST, Physically disabled, economically backward learners from backward regions of the state (South and North 24 – Paraganas District, East and West Midnapore districts, Howrah and Hooghly Districts). Almost 40 % of enrolled students belong to economically backward sections. Thus the Institution secures the cause of social justice and ensures equity.

c. Recently many sessions are being organised on Career Counselling by different Industries and Organisations.

ii. ***Fostering Global Competencies :***

Being basically an undergraduate college and PG in one discipline, the Institution produces graduates, which forms the baseline for any higher studies. Through its vision and mission the Institution has been successful in producing graduates, whose results are competitive in the CU domain, hence ensuring better placement of its students in their future.

In order to foster close relationship between skilled work and complete learning, a placement cell has been set up, computer courses (through Computer Centre), Compulsory Computer Awareness Course, Communicative English through British Institute. Saltlake Campus is oriented towards development of Job-oriented Courses (Vocational) and PG studies. Self –financed courses have been introduced which open job-oriented possibilities.

Introduction of Post Graduation fosters the cause of National Higher Education Policy.

Some recent Global positions :

Dr. Debashis Ghosh (Dept. of Zoology, Kentucky University, USA),

Dr. Saurav Roy (Dept. of Bio-Science, Indiana University, USA),

Sm. Silpi Roy (Paul) (Army Medical College, Washington, USA),

Sri Arijit Sengupta (2002) (Chemistry Dept, City University of New York, NY, USA),
are few of the many.

- iii. ***Inculcating a Value system among students:*** The value of proper education (in proper sense) is re-emphasized through appropriate lectures, seminars, debates and cultural programmes.

The logo of Institution is marked:



“**Gyan, Tyag, Seva**” - Knowledge, sacrifice and care through service and truthfulness, reflects the vision of the Institution in inculcating a value system. The prophet and founder of the Institution (1859, in the form of Calcutta Training College) Pundit Iswarchandra Vidyasagar was a great fighter of intellectual freedom and had founded the College for the noblest cause of dissemination of higher education among the middle class and the poor at an affordable expense – for the Indians and by the Indians. The college has always tried to abide by two most important visions of Iswarchandra Vidyasagar – ‘**Mass Education**’ & ‘**Women’s Education**’.

- a. College observes the birth and death anniversary (29th Sept. and 29th July) of Pundit Ishwar Chandra Vidyasagar where students are educated and reminded about the social values and reforms made by the founder. Republic Day and Independence Day are observed to emphasize the value of freedom struggle.

b. Students Union organises many cultural programmes & events (Social, Freshers, Debate, Music Competition, Sports, and Picnic) through which they learn the value of co-operation, interaction and participation. They also publish quarterly magazines and write in college magazines with articles of social value.

c. Each subject has a certain social value, reflected through the curriculum, directly or indirectly. Teachers reflect this through their subjective teaching and set example through their conduct as teachers.

d. Both Teachers' Council and Students Union mobilize grants towards Relief Funds during flood and other natural and social disasters.

There exists a social harmony (value based), in spite of pluralities and diversities in different arena.

iv. **Promoting use of technology:** The Institution has a traditional upbringing and has started adopting technological innovations to keep pace with the post modern era. Thus the Institution is passing through a transitional period of transformation from traditional practices to modern technological methods. The campus community is prepared to make use of ICT to the greatest extent. This may be envisaged from the fact that amount spent on purchase of computers amounts to Rs. 3,25,000 (approx) and Rs. 52,426/- on the purchase of software's, updating and maintenance of computer in 2006 – 2007 session.

The Institute had launched its first website www.vidyasagarcollege.net in 2004, portraying its historical, cultural and academic heritage. Presently this website is non-operational. A second website had been launched www.vidyasagarcollege.info in 2005, but lack of

space in the said website hinders it to be an interactive website. The final form of the college website is www.vidyasagarcollege.in and is undergoing the process of restructuring.

The Institution has 46 computers distributed in 10 Departments and administrative office and 16 computers in the Computer Centre. Office computers are with LAN. Departments at Bidhan Sarani Campus – Computer Science, Journalism & Mass Communication and PG Departments are LAN connected. There exists Internet facility with 2 Broadband connections – one at Computer Science Department (4 nodes) and at Computer Centre (9 nodes through LAN). Central Computer facilities include a Network with 9 terminals.

Institution also has overhead projectors and software's required in office automation, library automation and teaching – learning process. [e.g. GIS software (Geography), SOUL Software (Library), C Programme, Windows, MS Office and operating systems (Computer Science)].

Electronic administrative documentation, students records, examination records, financial records and account related data are now maintained in computers, using appropriate software's (*cybersoftec.com*). Annual maintenance of computer and updating of software's are done through AMC. Efforts are on to mobilize the admission process through the use of website in the very near future (next academic year possibly).

v. **Quest for Excellence** : Institution having completed 136 years of its existence and being a reputed College of Kolkata, the Governing Body has started taking initiatives, since the past few years to expand its infrastructure, to enable to serve the student

community to a larger extent. In this move, it has opined for career oriented courses, along with the traditional ones and implemented Computer Science General in 1995 – 96 session, Computer Science Honours in 2004 – 05 session, Biochemistry, Journalism & Mass Communication Honours, Electronics Honours from 2007 – 2008 session and PG in 2005 – 06 session. In this context it has expanded its campus from its shared campus (by Vidyasagar College for Women and Vidyasagar Evening College) at 39, Sankar Ghosh Lane, Kolkata – 6 to three (3). Govt. of West Bengal has handed over Vidyasagar Hall at 17 Bidhan Sarani, Kolkata – 6 for furtherance of Education in 2004 and a land of 60.1627 cottahs at Bidhan Nagar (Saltlake) against a nominal value of Rs. 6,01,627/- for opening job-oriented vocational courses and courses of Higher Education. Institution has also entered the arena of higher education (ahead of graduation) by introducing Post Graduation in Zoology.

Amidst all progresses, Institution retains its tradition of upbringing students from economically weak background and rural background, thereby strengthening the weaker section of the society. Institution has also hosted a Placement Cell and participation in research activities (through minor research projects and a few major ones).

Institution has completed 100 years of Science Teaching and therefore different Departments are celebrating this event by organising seminars etc. [Science Departments have organized a State Level Workshop (18 – 19th March 2008) with assistance from DST, Govt. of West Bengal].

Institution and its academic and administrative bodies are very active and open-minded to track its weaknesses and take initiatives to overcome them and project the Institution as 'Centre for Excellence'.

1.4.3 How are the faculty facilitated to prepare computer aided teaching / learning materials? What are the facilities available in the college for such efforts?

- GIS in Geography
- Use of computer based programming in Physics / Maths / Journalism / Computer Science / PG (Zoology) etc.
- Use of LCD projector for teaching – learning.
- OHP is widely used by teachers and students of different Departments.
- Students use OHP / LCD projectors for their Seminar deliberations as a part of Institution designed curriculum (not included in CU syllabus)

CRITERION – II

TEACHING – LEARNING AND EVALUATION

2.1 Admission process and Student Profile :

2.1.1 How does the institution ensure wide publicity to the admission process?

a. *Prospectus:* Vidyasagar College has completed 136 years of its existence and has achieved a reputation of its own at the local, regional and national levels. As such, such an Institution does not require publicity by external means. Every year, the Admission sub – committee, after discussion in GB decides an admission strategy and updates its prospectus regarding subjects available for studying, list of newly opened subjects, availability of seats, possible subject combinations allowed under CU.

[No. of prospectus printed in 2006-2007 session = 7000 and 2007-2008 session = 8000]

b. *Institutional Website:* Till date, Institutional website has not played an important role in the admission procedure, since the website has been informative but non interactive. Recently a modified interactive website has been launched www.vidyasagarcollege.in, which is under the process of being structured, with a plan to use the website for admission process, to avoid the heavy rush and hard labour put in the entire admission process. The admission process is done with great care involving students union, teachers' council and office administration to the fullest length.

c. *Advertisement in Regional / National Newspapers:* Advertisements for admission are put in the local newspapers (namely The Statesman, Ananda Bazar Patrika (Bengali)

daily) and Electronic News Channels [Advertisement Charges for 2005 – 2006 : Rs 65,553 and 2006 – 07 : Rs. 21,020/-].

This age old heritage Institution actually does not need to publicize itself. The long queue in front of the college gate to procure admission forms bespeaks of the reputation of the Institution.

d. *Any other (specify) :*

(a) Other than local newspaper, NOTICE is put up on College Notice Boards with all possible dates for the process (Copy enclosed, for 2006 as Tables 2.1 & 2.2).

(b) The college authority, Teachers' council, Non-teaching members, and the Students' Union all actively participate in admission process under auspicious guidance of Admission sub-committee. Students under the leadership of the Students' Union perform an initiative role as volunteers to manage and regulate the excess rush and also publicizing admission regulations to admission seeking students over the microphone. Forms are issued to students from counters controlled by teaching members to ensure that the admission seeking students are not misguided. Filled-up forms are accepted by teachers after proper checking and scrutiny. Non-teaching members also lend their help in the entire process. Thus a campus-oriented publicity and care is ensured.

Table 2.1: First Notice for Admission.

VIDYASAGAR COLLEGE , KOLKATA

ADMISSION NOTICE , 2006

First Year Arts and Science

All concerned are directed to note that admission to First Year Degree Class for the academic session 2006-2007 will be held according to the schedule given below, subject to modification if necessary.

Issue of form : Dates : June 7, 8, 9, 10, 12, 13 and 14.

Venue : Ground floor of Vidyasagar Hall, 17
Bidhan Sarani, Kolkata – 6.

Time : 12 noon to 3 pm each day
Saturday 11-30 am to 1-30 pm

(Photocopy of marksheet to be produced)

Submission of forms : June 7 to June 13 from 12 noon to 3 pm
(Saturday 11-30 am to 1-30 pm)
Only for June 14 12 noon to 4 pm.

(Photocopy of marksheet & caste certificate, if required,
to be submitted with each completed form)

Payment : Rs. 20/- for each form and Rs. 30/- each prospectus

- Each applicant must purchase at least one College Prospectus for receiving one or more forms.
- Separate forms are to be submitted for separate courses of study.
- Any form submitted which does not satisfy the minimum requirements as per C.U. rules or the requirements as notified by the college is liable to be rejected.
- Candidates are advised to follow the prospectus minutely before filling the admission forms.
- Authorities will not be responsible for any type of wrong admission due to suppression of facts.

Publication of merit list : 22 - 06 - 2006 (3 pm)

Teacher-in-Charge

Table 2.2: Admission notice elaborating criteria for distribution of forms.

VIDYASAGAR COLLEGE KOLKATA ADMISSION NOTICE, 2006			
Honours / Stream	Subjects	Minimum marks required	
		General Candidates	SC / ST Candidates
HONOURS	PHYSICS	600 or 60% with at least 45% in subject	40% in aggregate or 40% in subject or related subject
	CHEMISTRY	AS ABOVE	AS ABOVE
	GEOGRAPHY	AS ABOVE	AS ABOVE
	ZOOLOGY	AS ABOVE	AS ABOVE
	BOTANY	AS ABOVE	AS ABOVE
	PHYSIOLOGY	AS ABOVE	AS ABOVE
	MATHEMATICS	AS ABOVE	AS ABOVE
	COMPUTER SCIENCE	600 or 60% with 45% in Maths	AS ABOVE
	ENGLISH	500 or 50% plus 45% in subject or related subject or 55% in subject or related subject or 50% in aggregate when the subject is not include in +2 stage	AS ABOVE
	POL. SCIENCE	AS ABOVE	AS ABOVE
	HISTORY	AS ABOVE	AS ABOVE
	BENGALI	AS ABOVE	AS ABOVE
	PHILOSOPHY	AS ABOVE	AS ABOVE
	SANSKRIT	AS ABOVE	AS ABOVE
	ECONOMICS	AS ABOVE (Pass in Mathematics at +2 stage is a must)	AS ABOVE
GENERAL SCIENCE	PHYSICAL & BIOLOGICAL	400 or 40% in aggregate with related subject	H.S. / equivalent passed with related subject
GENERAL HUMANITIES	WITH GEOGRAPHY	AS ABOVE	AS ABOVE
GENERAL HUMANITIES	WITHOUT GEOGRAPHY	H.S. / equivalent passed with related subject	AS ABOVE

Teacher-in-Charge

2.1.2 *How are the students selected for admission to the following courses/ Give cut off percentage for admission at the entry level?*

a. General :

Undergraduate: the basis of admission is merit-based as per the latest board examination at the (10 + 2) level. The minimum cut off marks for admission to 1st year Honours and General Class is prescribed under CU rules.

[CU rule (i) students who have obtained a minimum of 55 % in subject / 50 % in aggregate with 45 % in subject at 10 + 2 level examination are eligible.

(ii) Students who passed 10 + 2 examination with five subjects of which at least one shall be English having full marks of 450 (4 papers of 100 marks each + one paper of 50 marks) are also eligible for admission]

To cope with the demand and rush compared to the available seats, the

Institution has improvised certain cut off marks for different subjects.

(Copy enclosed for 2006 data as Table 2.3).

Post Graduation: The basis of admission is merit based as per marks obtained in B.Sc (Hons) in Zoology under any recognised university.

Table2. 3: Reservation of seats for different categories

VIDYASAGAR COLLEGE							
Admission to First Year Degree Class							
<u>Maximum number of students to be admitted in the academic session 2006-2007</u>							
Honours / Stream	General	S.C.	S.T.	Other Boards	P.H.	Total	Dropout limit
ENGLISH	26	14	4	18	1	63	52
BENGALI	38	13	4	4	1	60	52
SANSKRIT	33	11	4	1	1	50	-
HISTORY	36	13	4	6	1	60	52
PHILOSOPHY	36	13	4	6	1	60	52
POL. SCIENCE	36	13	4	6	1	60	52
ECONOMICS	30	13	4	12	1	60	52
GEOGRAPHY	22	8	2	3	0	35	27
PHYSICS	30	11	3	5	1	50	40
CHEMISTRY	30	11	3	5	1	50	40
MATHEMATICS	36	13	4	5	1	59	50
COMPUTER SC.	20	7	2	1	0	30	-
ZOOLOGY	25	9	3	3	0	40	32
BOTANY	22	8	2	3	0	35	24
PHYSIOLOGY	17	5	2	1	0	25	-
B.A. (General)	84	31	8	16	1	140	120
B.A. (Geog.General)	27	10	3	4	0	63/44	50
B.Sc.(Ph.Sc.Gen.)	48	17	5	9	1	80	70
B.Sc.(Bio.Sc.Gen.)	51	22	6	14	0	93	80

Teacher-in-Charge

b. Professional :

Computer Centre has its own admission process as formulated by Indian Institute of Computer Engineers.

c. Vocational: NA

2.1.3 How does the Institution ensure transparency in the admission process?

The admission process in the Institution is absolutely transparent. Applications received for PG, Honours courses and General courses are sorted out and placed before respective Departments. The Departmental teaching staff analyses the applications and arrange a merit list, satisfying the prescribed norms. The provisional merit list includes 4 / 5 times the seats available in PG, each Honours subject / General course of study, where notification is provided regarding the respective dates when and where aspiring students are to assemble. Seats are filled up strictly in order of merit from among the assembled applicants. In case seat/s remains vacant, all applicants, other than those who did not avail themselves of the first assembly are again asked to assemble at a second date to fill in the seats remaining vacant. Candidates who fail to take admission within the notified date gets their chance to get admission, and the seat/s which remain vacant thereafter are filled up at a third assembly again strictly on merit basis. [Reservation of seats as per regulations for SC / ST and Physically Challenged Category are strictly maintained as depicted in Table 2.3].

2.1.4 How do you promote / access to ensure equity?

In every academic, administrative, co-curricular, extra-curricular activities of Institution and students union representation, students from all communities like – disadvantaged community, women / girls students, differently abled students, economically weaker and sports personnel can participate with equal weight age. There are Students' Welfare and Student Aid Fund sub-committees, SC/ST welfare sub committees and Prize and Welfare sub committees, who look after the matter of ensuring equity.

a & c : Students from disadvantaged community and differently abled:

According to Government Order, a proportionate percentage (%) of seats is reserved for SC/ST and Physically Handicapped (PH) students, and separate merit list is published proportionate to SC/ST and Physically Handicapped seats. Separate forms are provided for SC/ST students. The no. of seats reserved for SC/ST and PH are notified prior to initiation of admission process. In case SC/ST candidates are not available with respect to available seats, the seats lie vacant. Seats for PH candidates are however filled up by general category of students.

There is a SC/ST welfare sub committee which keeps an eye on the transparency of admission to reserved categories.

b. Women:

After Institution got approval from Govt. for co-educational status (1979) and followed by University of Calcutta, the GB of College instituted co-education from 1985 – 86 sessions, admitting only 8 girl students (though there is a segregated Women's College within the same campus of Vidyasagar College, run during morning hours). Now, under normal circumstances, the % of girl students coming to study in this co-educational institute of repute is appreciably high (43.1 % in 2006 – 2007 session), there is no need to incorporate special provision for admission of women students. Gender equity is maintained.

c. Economically Weaker Sections :

Approximately 40 % of the students are either from rural areas or economically weaker sections. There are appropriate Student Welfare sub committees, which, after proper

scrutiny, entitles the weaker students for aids / scholarships / free ships / half free ships / Govt and College Scholarships.[Shown in Institutional data, Criterion V, (2)].

d. Sports Personnel :

The college provides special provisions for outstanding sports persons. Assistance in the forms of preferences for reading Honours subjects, special leave is in practice as norms.

2.2 Catering to diverse needs

2.2.1 Is there a provision for assessing the students' knowledge and skills before commencement of the programme? If yes, give details on the strategies of the utilization to bridge the knowledge gap of the incoming students for enabling them to cope with the programme for which they are enrolled.

No. There is no such provision officially. But teachers of each programme and each subject / department spend at least one week, to bridge the knowledge gap, for enabling them to cope with the programme for which they are enrolled. They are made to understand the course structure, the method of study they have to adopt to fare well in the programme.

2.2.2 How does the Institution identify the slow and advanced learners? Give strategies adopted for facilitating slow and advanced learners.

Initially they are identified from the admission merit lists. Gradually the slow and advanced learners are tracked through interactive classroom session by teachers or oral tests conducted by teachers. There is an established provision to hold the first Periodical Test within 3 months (usually Nov of every session) for Honours Subject (of 25 marks, 1 hour duration) and Class Test for General subjects (of 50 marks, 2 hours duration). Periodical Tests are held (2nd, 3rd & 4th) within April of every session. These tests help in assessing the knowledge, skill and mode of assimilation of facts to which the students are

exposed, in each particular subject. This helps to identify the slow and advanced learners and their perceptions and mode of reactions to a particular problem. Tutorial classes are arranged accordingly.

2.2.3 How does the institution have a provision for tutorials for students?

Owing to the heavy load of the actual curriculum, within a scheduled time frame, it is not possible to allot any tutorial class in the Master Routine during Full Session. During Slack Session, some extra classes are allotted to each Department, which they can adjust as tutorial classes if and whenever required. As such, during slack session, University examination engages the teachers, hence are unavailable to take tutorial classes in a designated manner. Hence tutorial classes are arranged by individual teachers or Departments as and when required. Before every final examination, special tutorial classes are arranged by teachers / Department for theoretical & practice practical classes.

2.2.4 Is there a provision for monitoring of students or any similar process? If yes, give details.

The results of Periodical and Class Tests are analyzed by teachers and proper probable answers are discussed in the classroom. The weak students are located by respective Departments and their guardians are called and intimated about the progress of their wards, suggesting steps to be taken for further improvement.

2.2.5 How does the Institution cater to the needs of the differently abled students?

Though seats are reserved for the differently abled (Physically Handicapped, PH), the number of students admitted with proper certificate is very poor. In that case, the vacant seats are kept open for General Category of students. The few students who are admitted,

college administration arranges for all possible needs of these students. Special attention is provided depending upon their disability.

2.3 Teaching – learning Process

2.3.1 How does the Institution plan and organize the teaching – learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print etc.)

ACADEMIC CALENDAR & TEACHING PLAN: Before the start of every academic year, the Departments hold exploratory meetings presided over by the Head of the Departments to earmark portions of the syllabi for each teacher. A time frame too is made beforehand; so that the teachers have adequate time to prepare and discuss the portion of the course they are to teach, taking feedback from students of the previous year. This Academic Calendar for all three years of students are submitted to the Academic sub-committee and finally circulated among the students. Teachers follow their individual teaching plan according to the portion of syllabi earmarked to them, while Routine sub-committee in guidance from Academic sub-committee prepares Master Routine for the Full-session and Slack session routines.

Table 2. 4 - General Routine for Honours and General Subjects

Batch of Students		HUMANITIES		Compulsory English / Bengali/ Hindi / EVS (Theory)	SCIENCE			
		Hons (Theory)	General (Theory)		Hons (Theory)	Hons (Practical)	General (Theory)	General (Practical)
Full Session	1 st Year	16	4/subject	1/1/1	16	12	5/subject	6
	2 nd Year	16	4/subject	-	16	12	5/subject	6
	3 rd Year	20	4/subject	-	20	15 (Chemistry Hons) Others 12	5/subject	6
Slack Session	1 st Year	20		1/1/1	16 (Ph. Sc) 20 (Maths) 12 (Bio Sc)	12	5/subject	6
	2 nd Year	-		-		-	-	-
	3 rd Year	-		-		-	-	-

Table 2.5 - Routine Plan for PG Course :		
Year	Theory	Practical
PG – I	37 / 38 periods / week	15 periods / week
PG – II	45 – 46 periods / week This includes general papers and special papers @ 6 periods / week for Semester III and 12 papers / week for Semester IV.	15 periods / week This includes general papers and special papers @ 3 periods / week for special papers in Semester III & Semester IV.
* Each period is of 45 minutes duration.		

Master Routine for UG and PG programmes are enclosed as Addendum 2.1 and 2.2 at end of Report).

Workload / teacher w.r.t. teaching

- NON LAB BASED SUBJECTS – 15 – 19 / week (FULL SESSION) 8 – 10 (SLACK SESSION)
- LAB BASED SUBJECTS – 22 – 25 / week (FULL SESSION), 12 – 15 (SLACK SESSION)
- Contractual Full Time – Same as Permanent teachers.
- Part Time – 8 – 10 / week.

EVALUATION :

The examination sub-committee prepares the examination schedules for Periodic Tests / Class Tests / Preparatory Test Examinations as well as University Exams. In PG classes, the same schedules are prepared for the tests by Controller of Examination Post Graduate Departments. All tests are undertaken as per College norms and University norms as and where applicable for all the students (in all years under (1+1+1) and pre existing (2+1) system and PG Department. Faculties are allotted Invigilation duty. Special classes under special routine are also allotted to teaching faculty. Answer scripts are examined within a

scheduled date declared by the Examination sub-committee and results are declared centrally by college.

Table 2.6 : Schedule of College Tests and Examinations (2006 – 2007)				
UNDERGRADUATE				
1 st Year				
Honours Subjects	Class Tests (four) : 25 marks each of 1 hour duration			
	Class Test – 1	Class Test – 2	Class Test – 3	Class Test – 4
	October	December	February	April
	Preparatory Tests (one) : 2 papers, 100 marks each of 4 hours duration.			
	May every year			
General Subjects	Class Tests (two) : 1 paper of 50 marks in every General subject (including compulsory English, Second Language and Environmental Science).			
	Class Test – 1		Class Test – 2	
	January		April	
2 nd Year				
Honours Subjects	Class Tests (four) : 25 marks each of 1 hour duration			
	Class Test – 1	Class Test – 2	Class Test – 3	Class Test – 4
	October	December	February	April
	Preparatory Tests (one) : 2 papers, 100 marks each of 4 hours duration.			
	April (1 st week)			
General Subjects	Class Tests (two) : 1 paper of 50 marks in every General subject			
	Class Test – 1		Class Test – 2	
	January		March (last week)	
3 rd Year				
Honours Subjects	Preparatory Tests (one) : 2 papers, 100 marks each of 4 hours duration. (January middle)			
General Subjects	Preparatory Test : 1 paper each subject, 100 marks each			
POST GRADUATION				
1 st Year	2 Semesters (Each 250 marks)			
2 nd Year	2 Semesters (Each 250 marks)			
No class tests are taken, but daily practical classes are assessed and values added as Internal Assessment.				
* Departments conduct additional tests as deemed necessary				
** Lab based subjects arrange 100 marks practical examination during every preparatory examination.				

2.3.2 What are the different teaching – learning methods (lecture – method, interactive method, project based learning, computer assisted learning, experimental learning, seminars and others) used by teachers. Give details.

The Humanities Programmes predominantly utilize lecture method and interactive method as the main basis of teaching – learning method. Lecture – Method along with interactive method of teaching is also practised by all other Departments, including PG. The Departments which utilize other methods of teaching are summarized below.

Table 2.7 – Different teaching – learning methods in use	
Lecture Method and Interactive Method	All Programmes including PG
Project Based Learning (Field Based Study)	Geog (Hons), Botany (Hons), Zoology (Hons), Physiology (Hons), Chemistry(Hons) PG (Zoology) – [Study Tours]
Lab Based Learning	Chemistry (Hons), Physics (Hons), Maths (Hons), Comp. Sc (Hons), Botany (Hons), Zoology (Hons), Physiology (Hons), Journalism & Mass Communication (Hons), Electronics (Hons), Biochemistry (Hons), Geography (Hons) and General courses for all the above subjects and PG (Zoology)
Computer assisted Learning	Computer Science, Geography, Journalism and Mass Communication, Mathematics, electronics, Physics (Honours Courses) PG (Zoology)
Seminars	All Departments arrange at least one seminar / year. Whether either eminent resource persons / students present lectures / papers

Table 2.8 - List of Seminars (2006 – 07 Session)
1. Sanskrit – 1
2. Zoology – 1
3. Geography – 1
4. Physics – 1
5. Journalism & Mass Communication – 1
6. Computer Science – 2
7. Chemistry – 1
8.Mathematics - 1

2.3.3 How learning is meant student centric? What are the institutional strategies, which contribute to acquisition of life skills, knowledge management skills and life long learning?

1. As per University rule and College Academic sub-committee's decision, students should secure 75 % attendance record and in no case below 60 % in each subject separately to be allowed to appear in Final University Examination. Percentage calculation of every student is done by the Departments and submitted to the Academic sub-committee and decision of the college is final in this regard. Such calculations are done every academic year and office maintains the students records efficiently.

2. Seminar and special lectures are arranged at least once a year by every Department for the students, apart from seminars on generalised topics arranged by the college. Student participation in such seminars is mandatory. Many Departments arrange lectures by guest academicians whose topics are often syllabus / curriculum oriented. In many Departments, seminars are presented by all 3rd year students (mandatory) and they are credited by the Departmental staff. They are awarded according to merit, and provided with presentation certificates, which carry weightage in their PG programmes at the University level. A book of abstracts is also published (Chemistry Department maintains this tradition since 2003).

3. Field work based Project Reports (Curriculum based in Geography, Zoology, Botany, Journalism and Mass Communication) are mandatory in UG curriculum, as per prescribed syllabi.

4. PG students prepare an experimental project study report under a Research Guide, mandatory for the PG course (Table 2.9).

Table 2.9 – List of student projects (PG) 2006 – 2007 session			
Sl. No.	Name of student	Project name	Name of guide/s
1	Dipannita Das	Effect of Dopamine on insulin like growth factor(IGF-1) induced ...	Dr. Partha Sarathi Dasgupta, Chittaranjan National Cancer Institute.
2	Mandrita Mitra	Cancer/tumour Angiogenesis.....	Dr. S.N Banerjee, Ram Mohan College
3	Suman Mahapatra	Deletion Mapping of Chromosome 5q 21-22.....	Dr Chinmay Kumar Panda, Dept. of Oncogene Regulation, CNCI
4	Aditi Mukherjee	Isolation and Molecular characterization of.....	Dr Hemanta Koley, National Institute of cholera & enteric diseases
5	Koyel Ganguli and Shazia Quasin	Diversity of macrobenthic fauna in managed and unmanaged.....	Dr Sheela Roy and Asim Kumar Nath
6	Monika Patra and Nazia Kabir	Diurnal migration and diversity of zooplankton.....	Dr Sheela Roy and Asim Kumar Nath
7	Chandrika Banik & Koushik Sadhukhan	Studies of the bottom faunal diversity in Naihati & Batanagar.....	Dr Sheela Roy and Asim Kumar Nath
8	Prasun Patra &	Project report on study of LC 50	Dr Sheela Roy and Asim

	Monami Chakraborty		Kumar Nath
9	Mohor Kundu	Use of entomology in crime scene.	Dr. S.G Dhali &Dr. Nirmal Debnath
10	Soma Karmakar	Some observations on mites and insect spe..... On citrus and banana....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta
11	Poulami Sarengi	Some observations on mites and insect spe.....at Ramakrishnamission....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta
12	Runi Ghosh	A status report on coconut mite, a severe threat to coconut cultivation.....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta
13	Piyali Munshi	Project on aquatic insects	Dr. S.G Dhali ,Dr. Nirmal Debnath and Dheera Roy
14	Sanirban Dhali	Studies on some known applied species ...	Dr. S.G Dhali ,Dr. Nirmal Debnath and Salil Kumar Patra
15	Ruma Mukherjee	Comparative study of different water parameters....	Dr. S.G Dhali ,Dr. Nirmal Debnath and Dheera Roy
16	Anamika Pal & Debasree mondal	Study on ornamental fish market in Howrah	Dr Sheela Roy
17	Krishnendu Maity	Expression profile of D2 class of dopamine receptors...	Dr. G.C.Sadhukhan & Dr. Partha Sarathi Dasgupta, Chittaranjan National Cancer Institute.
18	Rajib Ghosh	Detection of dengue infection in rural & Kolkata	Dr G.C.Sadhukhan &Dr. Shyamalendu Chaterjee, ICMR
19	Sharmila Ghosh	Isolation and characterization of multidrug.....	Dr G.C.Sadhukhan & Dr. Hemanta Koley, NICED.
20	Tamal Mondal	Studies on detection of HepatitisC....	Dr G.C.Sadhukhan &Dr. Provash Chandra Sadhukhan,ICMR
21	Dona Banerjee	Detection of multiple viral infections in HIV...	Dr G.C.Sadhukhan &Dr. Provash Chandra Sadhukhan,ICMR

5. Students also participate by contributing their write-ups in Annually Published College Magazine, Students' quarterly Periodical (Angan), Wall Magazines, knowledge based exhibition (Science Exhibition on 28th Feb every year to mark National Science Day). The above are the institutional strategies which contribute to acquisition of life skills, knowledge, management skills and life long learning by the students.

2.3.4 How does the institution ensure that the students have effective learning experience (use of modern teaching aids and Jet tools)?

a. That the students have gained effective learning experience is reflected to some extent through the CU examination results.

- b. Students of some Departments, as a part of curriculum use Computer Softwares (GIS – Geography, Journalism & Mass Communication, Physics, Maths etc.)
- c. Student participants in seminar present their lectures by preparing their own transparencies and making use of overhead projectors, power point presentations using LCD projectors. They also make use of charts and models.
- d. PG students in particular and many more Departments use modern gadgets. (Entered in Departmental profiles)

2.3.5 How do the students and faculty keep pace with the recent developments in various subjects?

Faculty is enriched about recent developments in their subjects through participation in seminars, workshops at various colleges and universities and by attending Refresher / Orientation Courses. Apart from these both teaching staff and students are benefited by books, journals, internet facilities, periodicals, available to them in the college library. Teaching members associated with Research, N.G.O's and Mass Organisations and Board of Studies etc. of Universities are engaged in enriching Departmental colleagues and students regarding recent developments in the subjects concerned.

2.3.6 Are there Departmental libraries for the use of faculties and students? If yes, how effectively are they used for the enhancement of teaching and learning?

Apart from books in the Central Library, at present there are 10 Department which have their own library within their own Departmental space (List of Departments having libraries, Table 2.10). The same are used both by Faculty for ready reference, further reading and by students, either on lending basis or spot reading basis. In 1972, UGC had initiated two laudable programmes aiming at significant improvement of the standard of

teaching in Science and Humanities at the UGC level in selected colleges in India, namely COSCIP and COHSIP. UGC had selected 40 Colleges in India, six of them in West Bengal. Vidyasagar College was one of the proud six, to be bestowed this rare distinction (List of books purchased, enlisted in Table 2.11).

Table 2.10: List of Departmental Libraries	
Name of Department	No. of Books
1. Geography	268 (from Central Lib) + 152 (donated and others)
2. Physiology	20 (text books)
3. Chemistry	109 (COSCIP) 47 (donated by faculty)
4. Biochemistry	12
5. Botany	80
6. Physics	200
7. Sanskrit	100
8. Computer Science	100
9. Zoology	153
10. PG	250

Table 2.11: List of books purchased out of COHSIP and COSIP		
COHSIP		
Department	No. of Books	Price (Face Value) (Rs.)
History	28	837.00
Bengali	59	558.00
Sanskrit	56	771.50
English	23	282.15
Political Science	22	555.45
Economics	29	1211.04
Philosophy	58	1078.83
Hindi	22	821.50
TOTAL	608	6115.47
COSCIP		
Department	No. of Books	Price (Face Value) (Rs.)
Mathematics	284	10690.46
Physics	113	6640.16
Chemistry	157	6397.80
Geography	26	1151.43
Physiology	28	1082.71
TOTAL	628	25,962.56

2.3.7 Has the Institution introduced evaluation of the teachers by students? If yes, how is the feedback analysed and implemented for improvement of teaching?

The institution practises evaluation of teachers by the students on a 10 point scale as formulated by UGC every year, since 2004. The final year students after their test examination submit their opinion confidentially. The feedback is analysed by the Principal. The Principal then intimates teachers the summary (net percentage achieved by teachers) by circulating confidential reports, which help the teachers to motivate themselves for a process of self-analysis, and thereby keep improving the teaching-learning process.

2.4 Teacher Quality

2.4.1 How are the members of the faculty selected? Does the college have the required no. of qualified and competent teachers to handle all the courses? If not, how does the institution cope with the requirements?

All full time permanent teachers are recruited through the West Bengal College Service Commission. Sanctioned posts for the College are 85 (including Principal, Librarian and Asst. Librarian) and 5 GLI. Since big batches of teachers have retired, 13 posts are yet to be filled up in SC/ST/OBC Category, besides 2 posts (1 in Pol. Sc. and 1 for Librarian) in General Category. For remaining 7 excess teaching posts [as per State Govt. Order] a maximum of 7 teaching posts are permissible for Honours teaching in Science per College and 4/5 posts for Hons teaching in Arts per College] processing has started for conversion towards Departments where staff is needed, subject to kind approval of Directorate of Public Instruction, Education Directorate, Govt. of West Bengal.

To adjust the shortfall of faculty, full time contractual and part time teachers are recruited, as per requirement framed by the Academic sub-committee. The academic

qualifications of all such faculty are according to UGC norms. Selection procedure for Contractual and Part – time teachers are described in 2.4.2.

PG Department in Zoology has 6 permanent teachers, 2 full time contractual teacher and 3 Guest Lecturers. Teaching staff is qualified and competent to handle all the courses as reflected by CU results of the college.

Table 2.12 – Teacher Quality Profile	
Teacher Quality	Percentage to total Permanent faculty (2007 Nov Data)
Teachers with Ph.D.	53.25 %
Teachers with M.Phil.	16.88 %
Teachers with UGC / NET / SLET	34.3 %
Teachers who acted as Resource Person	17 %
Teachers who are paper setters of University	47 %
Teachers who are members of Board of Studies	6.3 %

2.4.2 How does the college appoint additional faculty to teach new programmes / modern areas of study? How many such appointments were made during the last 3 years?

Teachers required for Newly introduced Self financed Programmes during the last few years [Comp. Sc (H & G), Journalism and Mass Communication (H & G), Electronics (H & G), Biochemistry (H) and PG in Zoology] are not provided by West Bengal College Service Commission under Government Pay Packet. Hence faculty are appointed by ‘Proper Selection Committee’ (comprising of Principal, Governing Body Representatives, subject experts from Departments and CU nominated subject experts for Full time appointment only) on Full Time Contractual and Part – time basis. Guest Lecturers are invited by College Authorities.

Table 2.13 – List of Contractual and Part-time teachers	
Department	No. of Appointees by College
PG Zoology	Contractual (2) Guest Lecturer (23)
UG Zoology	Part Time (6)
Computer Science	Contractual (3), Part Time (2)
Journalism & Mass Communication	Contractual (1) Part Time (2)
Electronics	Contractual (1) Part Time (4)
Biochemistry	Contractual (1) Part Time (1)

2.4.3 What efforts are made by the management for professional development of faculty? (Research grants / study leave / deputation to national / international conference / symposia, training programmes, organizing national / international conference etc.). How many faculties have availed these facilities in last 3 years?

Management highly encourages faculty towards professional development. Whenever any such request is placed before the Vidyasagar College Governing Body, the Supreme Authority is happy to sanction them duty leave / leave on lien and forward all necessary documents for the same. This is reflected from the table provided below: (Data of last 3 years)

Table 2.14 – List of teachers(permanent) who availed of Professional Development Programmes	
Nature / No. of faculty improvement programme	No. of Faculty availed the Opportunity
1. No. of major research projects in progress	4
2. No. of minor research projects completed and in progress	Completed – 06 In Progress – 02
3. No. of teachers granted leave for higher studies	1 [Kakali Sen, IISc Bangalore in 2006, Kakali Sen, US in 2007] for Post Doctoral Research
4. No. of teachers granted leave for University assignment	1 (Atis Chattopadhyay, Jadavpur University)
5. No. of Refresher Courses availed or by teachers	20
6. No. of orientation programmes availed by teachers.	07
7. No. of seminars / conferences attended by teachers and no. of teachers attending.	153
8. No. of teachers organizing seminars.	32

2.4.4 Give details of the awards / recognitions received by faculty during last 5 years.

10 Faculty members have received coveted awards but before 2003.

Table 2.15 – List of awards and recognitions received by Faculty (prior to 5 years)			
Sl.No.	Name of faculty	Position	Award
1	Dr. Tapan Kumar Mishra	Principal (Botany)	Fellow of Society of Ethnobotanists, by Society of Ethnobotanists, 2001
2	Dr. Saugata Bhattacharya	Lecturer (Physics)	Recipient of YPC 1998 Award (Young Physicists Colloquium, SINP)
3	Dr. Aloke Ghose Chowdhury	Senior Lecturer (Physiology)	Prof P.B.Sen Memorial Research prize by Physiological Society of India, 1996
4	Dr. Sukriti Lahiri	Reader (Sanskrit)	- National Scholarship in HS exam. - Visva Bharati merit scholarship for BA & MA
5	Dr. Sukanya Bhattacharya	Reader (Botany)	National Scholarship, 1986
6	Dr. Surya Sankar Pannigrahi	Reader (Zoology)	PRS from Calcutta University
7	Dr. Jayati Mal	Reader (Chemistry)	- National Scholarship, Madhyamik - National Scholarship in BSc - Centenary Book Prize award for scoring highest marks in MSc Part I examination.
8	Sm. Madhumita Mitra	Lecturer (Philosophy)	Radhakrishnan Prize for standing 1 st in MA
9	Dr. Nirmalendu Mukhoti	Reader (Chemistry)	Best paper presentation at 31 st Annual Convention of Chemists, by Indian Chemical Society, 1994.
10	Dr. Sharmila Bhattacharya	Reader (Chemistry)	- National Scholarship for MSc (1981) - Best paper presentation at 21st Annual Convention of Chemists, by Indian Chemical Society, 1984. - Best paper presentation at 22nd Annual Convention of Chemists, by Indian Chemical Society, 1985. - Best paper presentation at International symposium for Silver Jubilee celebration of Indian Photobiology Society, 1989

2.4.5 How often does the institution organize training programmes for the faculty in use of

a. Computers –

b. Internet -

Normal use of computers for Data entry and management, printing of Question Papers, Question Bank and use of Internet in the modern era, needs no special training. If and whenever required, the faculty avails the minimum basic training from Computer Science Department and Computer Centre if required.

c. *Audio Visual Aids* – Various Departments use audio-visual aids like OHP and LCD Projectors, but formal training for the use of the above gadgets has not been required, since faculty is competent enough to make use of the gadgets.

d. *Computer aided packages* – Whenever any special software packages are installed, for requirement, the concerned suppliers offer free training to faculty, regarding optimum use of the package. E.g. GIS (Geography), SOUL Software (Library, Assistant Librarian attended training programme at the INFLIBNET Centre, near Gujarat University Guest House, Ahmedabad, 25th – 29th June, 2007 at the training programme for 5 days on installation and operation of software).

e. *Material development for CAL, media etc* : The concerned suppliers provide the basic formal training and teaching faculty are competent enough to carry on.

2.5 **Evaluation process and Reforms**

2.5.1 *How are the evaluation methods communicated to the students and other institutional members?*

The students and other institutional members are intimated about the examination schedule initially through prospectus. Academic sub-committee and Examination sub-committee decides the date, time and schedule of the examinations and communicates the dates to the Departments through the Principal. Departmental Heads then communicate the same to the students and Faculty. Such notifications are timely published and the students can get enough time to efficiently cope up with the examination. Teaching staff provide invigilation and non-teaching staff provide technical help.

2.5.2 How does the institution monitor the progress of the students and communicate it to the students and their parents?

The results of tests (periodical and class tests) are declared by College centrally after being analysed in departmental meetings, Academic sub-committee meetings and respective departments. Answers scripts after evaluation are shown to the students, which help them to track their mistakes and proper answers are communicated to them through classroom interactions. Guardians of students, whose progress is not satisfactory are called for a guardian – teacher meeting, and intimated about the slow progress of their wards, suggesting steps to be taken for improvement.

2.5.3 What is the mechanism for redressal of grievances regarding evaluation?

Students are allowed to see their answer scripts for all examinations conducted by college. Any grievance raised thereafter is solved in the classroom by the teacher on a 1:1 basis, until grievances are redressed.

2.5.4 What are the major evaluation reforms initiated by the institution / Affiliating University. How does the institution ensure effective implementation of these reforms?

The Affiliating University has undergone a major change in its evaluation pattern from (2+1) system to (1+1+1) system. This has been implemented in 2 stages. In 2005, the Honours subjects remained under (2+1) system and only General subjects changed to (1+1+1) system and presently this batch is referred to as (1+1+1) old batch. Again in 2006 the entire system changed to (1+1+1) system for Honours and General Subjects.

Accordingly the evaluation system of the institution had also to change. Prior to 2005, each Honours student had to appear for 2 Periodical tests (50 marks each), one half yearly and one Annual Examination in first year, 2 Periodical Test (50 marks each), one half

yearly and one test examination in 2nd year; one test examination in 3rd year, in Honours subjects. They also had to appear for half yearly and Annual Exam in 1st year; half yearly and test in 2nd year and test in 3rd year in general subjects and Environmental Science. The Institution has accordingly changed its examination pattern and the schedule is provided in Table 2.6

2.6 Best Practices in Teaching – Learning Process :

2.6.1 Detail any significant innovations in teaching / learning evaluation introduced in institution.

The innovations introduced by institution in teaching – learning process may be summarized as follows:

- Moderating entire evaluation system of College immediately after modification was announced by University, enabling students to cope up smoothly with the changed process by active contribution of Examination sub-committee and Academic sub-committee.
- Students participate in seminars organized regularly in College and students given the honour to act as esteemed speakers in presence of their teachers.
- Students presenting posters and demonstrating models in Science Exhibitions organized by college, within campus with help from students union on Feb – 28 , 2007, to mark National Science Day.
- Students setting up wall magazines, presenting write-ups in College Magazine, being fully inspired by teachers and active teacher participations.

- Improvement in Practical experiments due to purchase of improved gadgets, reflected through the fact—students of most departments secure highest/very close to highest grades in the University practical examinations.
- Opening up of job – oriented Honours courses and PG courses.
- Parent-Teacher meetings at regular intervals.
- Departmental evaluation of periodical / class tests.
- Career counselling performed by external agencies (HCL, Xenitis, IIJT, Scaffold Academy etc.), inspiring the students about the fact that curriculum based learning enjoys emphasis in post-learning era and employment.

CRITERION - III

Research, Consultancy and Extension

3.1 Promotion of Research

3.1.1 Is there a Research Committee to facilitate and monitor research activity?

No, such committee does not presently exist. 6 more teachers have just received sanction letters for Minor Projects from UGC, and research interests among teachers have inspired the GB to initiate a separate fund as 'Research Fund', in its meeting dated 28.11.2007, and the same has also been approved by the Finance Committee.

3.1.2 How does the institution promote faculty participation in research? (providing seed money, research grants, leave, other facilities).

- a. All PG students perform project work, and institution provides all possible assistance required in this regard. Cross linkages have been developed with Zoological Survey of India, National Institute for Cholera and Enteric Disease etc.
- b. In UG level, institutional cross linkages have been set up for Journalism, Biochemistry etc.
- c. Teachers who perform research are provided with the seed money either by UGC (minor projects) or other sponsoring agencies (national and international).
- d. Teachers willing to perform research at other universities or institutes are provided with duty leave, after recommendations from Governing Body

3.1.3 Does the institutional budget have a provision for research and development? If yes, give details.

Institution provides Rs. 15,000 each, for four Departments which have project work mandatory in UG courses, and Rs 20,000/- for each student performing project work in PG course.

3.1.4 Does the institution promote participation of students in research activities? If yes, give details.

Being basically a UG Institution, there is little scope for student research.

Institution provides all facilities to students in project work / field study.

3.1.5 What are the major research facilities developed on campus?

The Institution has already taken some initiatives to promote research culture among faculty members and students. In the prevailing infrastructural set up of the college (shared by two other Institutions) space had been a big constraint to promote research activities. After The Govt. of West Bengal handed over 17, Bidhan Sarani Campus to College in 2004, authority has started taking such initiatives:

- a. Provide space to faculty to perform UGC minor projects – a research room (measuring about 200 sq ft) has been provided for such purpose.
- b. Infrastructural development has been undertaken in the tune of Rs. 22,45,973.347 for Bidhan Sarani campus (since 2004) and Rs 94,51,471 for Bidhan Nagar campus(excluding cost for purchase of land).
- c. Administrative and financial management are performed by office and UGC Plan Board, through maintenance of income – expenditure data and preparing audit reports. 6 minor – UGC projects have already been completed.

3.1.6 Give details of the initiatives taken by the Institution for collaborative research (with National / Foreign Universities / Research / Scientific Organizations / Industries / NGOs).

First such initiative has been taken by Dr. Tapan Kumar Mishra, Principal of the Institution to receive a project entitled, ‘Preparation of Peoples Biodiversity Report in Minakha G.P., South 24 Paraganas, West Bengal’, effective from December 2007,

sanctioning an amount of Rs. 90,000 /- from West Bengal Bio Diversity Board, Govt. of West Bengal.

3.2 Research and Publication Output

3.2.1 Give details of research guides and research students of the institution (No. of students registered for Ph.D. and M.Phil., fellowship / scholarship, funding agency, Ph.D. and M.Phil. awarded during last 5 years, major achievements etc.)

- a. There are no students in the institution registered either for M.Phil/r Ph.D.
- b. Dr. Tapan Kumar Mishra, Principal Vidyasagar College is presently the research guide of two research students, registered under Vidyasagar University for Ph.D.
- c. 3 students have already completed their Ph.D. degree under Dr. Tapan Kumar Mishra from Vidyasagar University.
- d. Faculties of PG-Zoology are project guides of all 25 students who have completed their M.Sc. Course in their project work.

3.2.2 Give details of the following

- a. Departments recognised as research centres : Botany Department
- b. Faculty recognised as Research Guides :
 1. Dr. Tapan Kumar Mishra, Principal and faculty of Department of Botany (Research projects under Sponsoring agencies). [Table 3.1]
 2. Dr. Sheela Roy [Project work guide of 5 students in PG Course]
 3. Dr. Sadhugopal Dhali [Project work guide of 7 students in PG Course, Table 2.9]
 4. Dr. Nirmal Debnath [Project work guide of 7 students in PG Course, Table 2.9]
 5. Dr. Govinda Ch. Sdhukhan [Project work guide of 5 students in PG Course, Table 2.9]

Research Supervision of Dr. Tapan Kumar Mishra

1. Ph.D. awarded to Sri Sudipta Maiti for thesis entitled 'Ethno-botany of South West Bengal (India)', by Vidyasagar University as supervisor.
2. Ph.D. awarded to Sri Tridib Sahu for thesis entitled 'ecological Impact of Joint Forest Management' by FRI, Dehradun as co – supervisor.
3. Ph.D. awarded to Shri Debabrata Das for the thesis entitled 'Study of vegetation ecology of forests of lateritic south West Bengal with special reference to Non-Timber Forest Produce (NTFP) productivity" by Vidyasagar University.

Students registered for Ph.D.

1. Jayanta Kumar Ghosh – Status of nutrient dynamics in forest soils under different vegetation covers of Paschim Medinipur District.
2. Dilip Kumar Mandal – the Ecological status of *Shorea robusta* Gaertn. f in lateritic forests of Paschim Medinipur.

c. Priority areas of research :

- Ecology and Biodiversity – Dr. Tapan Kumar Mishra
- Physiology – Sri Atis Kumar Chattopadhyay
- Bio-physical Chemistry – Dr. Kakali Sen

d. Ongoing student Research Projects (title, duration, funding agency, total funding received for projects).

M.Sc. project list included in Table 2.9

Duration of project – 6 months

Funding Agency – Vidyasagar College PG Fund

Funds spent @ Rs. 20,000/- (approx. per subject).

e. Ongoing faculty research projects

Table 3.1 – On going research projects of Faculty				
	Name of Project	Faculty associated	Funding Agency	Amount sanctioned (Rs.)
MAJOR PROJECTS	1. Action Research Programme on R & D demonstration for extraction and treatment of non edible oils through modern technology in Medinipur District of West Bengal. Jan 2006 -	Dr. Tapan Kumar Mishra, Principal	DST, Govt. of India	10,00,000/-
	2. Enhancement of NTFP production for sustainability of Forests by involving local community. June 2006 -	Dr. Tapan Kumar Mishra, Principal	SDTT – ICCF Indian institute of Forestry Management – All India Co ad project	2,00,000/-
	3. Preparation of peoples Biodiversity in Minakha G.P., South 24 Paraganas, West Bengal. Dec 2007 -	Dr. Tapan Kumar Mishra, Principal	West Bengal Biodiversity Board	90,000/-
	4. Ecological restoration of Elephant Corridor and community awareness, Reduce human – elephant conflict around Mayurjharna Elephant Reserve, WB	Dr. Tapan Kumar Mishra, Principal (as Prinipal Investigator)	Rufford Small Grant Foundation, London, UK	3,79,088/- (£ 4988)
MINOR PROJECTS	1. Soil vegetation correlation of coastal area of Purba Medinipur District, W.Bengal, June 2006 -	Dr. Tapan Kumar Mishra, Principal	UGC – Minor	80,000/-
	2. Effect of benxodiazipine – blood on different tissues of rat, Sept 2006 -	Sri Atis Chattopadhyay Dept. of Physiology	UGC – Minor	42,500/-
POST DOCTORAL	1. Characterization of intermediates and design inhibitors of CYP%1 enzymes that catalyses the dimethylation of lanosterol biosynthetic pathway	Dr. Kakali Sen Dept. of Chemistry	Virginia Commonwealth University, Richmond USA	@ \$ 2500 / month

3.2.3 What are the major achievements of the research activities of the institution (findings contributed to subject knowledge, to the Industry needs, community development, patents etc)?

Present research activities primarily include MRP projects from UGC by different faculty members on their individual areas of research or specialization. Many faculty members also perform individual research at other Universities, being registered under different research guides for their Ph.D. degree.

Recently under the supervision of Dr Tapan Kumar Mishra, a project has been initiated at Minakha Block, 24-Parganas, with financial assistance from Bio-diversity Board, Government of West Bengal, and the outcome will definitely focus towards awareness amongst the people on importance, conservation and sustenance of natural resources of the region.

3.2.4 Are there research papers published in referred journals by the faculty? If yes, give details for the last 5 years including citation under and impact factor.

Yes List enclosed (Addendum III.1)

3.2.5. Give list of publications of faculty.

- a. Books : List enclosed (Addendum III.2)
- b. Articles : List enclosed (Addendum III.3)
- c. Conference / Seminar Proceedings (List enclosed Addendum III.4)
- d. Course Material for Distance Education – NA
- e. Software packages or other learning materials – NA
- f. Any other Completed research projects by Faculty

Table – 3.2 – List of completed projects by Faculty

Name of the Completed Project	Name of Faculty	Funding Agency	Amount (Rs.)
1. Ca^{+2} dependent protein urease and protein phosphatase on the pathogenicity of Leishmania (2000 – 2004)	Dr. Chandana Sarkar Dept. of Physiology	UGC Minor	50,000/-
2. Deshbhag : Bangla Upanyasher Daybadhyata (2005 – 2007)	Dr. Sohini Ghosh Dept. of Bengali	UGC Minor	90,000/-
3. Towards Partition : Gender Petition and Society in Bengal	Smt. Bhaswati Chatterjee Dep. Of History	UGC Minor	80,000/-
4. Study of Anisotropic Interaction in Geometrically frustrated lattices	Dr. Uma Bhowmick Dept. of Physics	UGC Minor	1,00,000/-
5. Studies on reproductive behaviour of Pangasius sutchi (Fowler) and its albino variety-with special emphasis on artificial propagation	Dr. Sheela Roy	UGC Minor	50,000/-
6. Study of Structural Modification of DNA and DNA derived nano materials under an external force (July 2006 – July 2007)	Dr. Kakali Sen Dept. of Chemistry	IISc. Bangalore	Post Doctoral Fellowship

CRITERION – IV

INFRASTRUCTURAL AND LEARNING RESOURCES

4.1 Physical Facilities :

4.1.1 What are the infrastructural facilities available for

a. *Academic Activities?*

For academic activities, Institute presently uses two campuses and the 3rd campus at Saltlake / Bidhannagar is under construction. The ground floor of the 11.5 square metre building is almost ready and will be utilized for PG initially within a short time.

(i) Main Campus(1st campus) – 39, Sankar Ghosh Lan, Kolkata – 700 006 (Building shared by Vidyasagar College for Women and Vidyasagar Evening College).

(ii) Bidhan Sarani Campus(2nd Campus) – 17, Bidhan Sarani, Kolkata – 700 006

(iii) Saltlake Campus(3rd Campus) – CL Block, Sector II, Saltlake, Bidhannagar, Kolkata – 700 091

Space utilization at Vidyasagar College

- I. Main Campus (Addendum – IV.1)
- II. Bidhan Sarani Campus (Addendum – IV.2)
- III. All the laboratories are equipped with items and gadgets required for conducting practical classes as included in syllabus. Available Laboratory Space (Addendum IV.3)

b. Co-curricular Activities

1. In order to organize lectures / seminars / popular talks on varied topics of academic and social interests, the institute has its own Seminar Hall, with capacity of 100 persons and microphone and speaker system and LCD projection..
2. The institution has a room allotted for UGC minor research of approx. 200 sq. ft.
3. Computer Science Department and Computer Centre to provide back up for computerized requirements.
4. Meeting room with adequate space (~ 400 sq. ft.) to conduct meetings.
5. Separate common rooms for male and female students.
6. Separate room for health centre / NCC
7. Students Union Room (~ 200 sq. ft.)

c. Extra Curricular Activities

1. **NSS** : Vidyasagar College participates in NSS under the Calcutta University, sponsored by the Ministry of Human Resources, Govt. of India. A programme officer (Sm. Anindita Ghosh), assisted by its Advisory committee oversees its activities. They participate in constructive programmes, participating in socio-economic life of community, fostering national integration. Every year volunteers are enrolled and after completing due hours of work, certificates are awarded by College. It organizes lectures, blood donation camps and other social activities.
2. **NCC**: Students of Vidyasagar College had been associated with NCC since 1948, participating in various activities at state and national level, with provisions to appear in 'B' and 'C' certificate examinations held annually, which enabled them to get preference

in various services and fields. Presently the unit has become non-operational (since 2006) due to lien of OC, Sri Atis Chattopadhyay. Efforts are on to establish a fresh unit.

3. *Sports and games*: The College has spacious common Rooms separate for male and female students, provided with indoor games like carom and table tennis. The College is fortunate to have a share in the large ground at Marqus Square. The college regularly participates in outdoor sports – football, cricket etc. Annual College sports are held in winter. The Students Union plays a constructive role in such activities.

d. *Inter Departmental Programmes*: Various social and cultural programmes, competitions, educational tours are held.

e. *Social and Cultural Activities*: Several social and cultural activities mark the college calendar. Student's Union helps the college authority to arrange annual social and cultural meet, freshers welcome, inter class debates, cultural and academic competitions.

4.1.2 Enclose the Master Plan of college campus indicating the existing physical infrastructural and projected future expansion.

Addendum IV.4: Master Plan of Main Campus at 39, Sankar Ghosh Lane

Addendum IV.5: Master Plan of Bidhan Sarani Campus

Addendum IV.6 (A): 3-D drawing of building at Saltlake Campus (under construction)

Addendum IV.6 (B): 3-D drawing of projected building at Saltlake Campus

4.1.3 How the institution augmented the infrastructure to keep pace with its 125% academic growth. If yes, specify the facilities and the amount spent during last 5 years.

Yes, the institution has augmented the infrastructure to keep pace with its academic growth.

1. It has expanded its campus from one to three.
2. The main campus is shared by 2 other colleges. There is a Common Committee (Principal of Vidyasagar College is the Chairman) which looks into the maintenance of the campus jointly.
3. When the Bidhan Sarani Campus was handed over by West Bengal Govt. to College Authorities, it had the structure of a Hostel Building, in a shattered condition. A Building Committee was set up, which meticulously planned and developed it into a structure which is now used for academic activities, without disturbing the layout of the heritage building. Comp. Sc, Journalism, PG Zoology, Biochemistry, Electronics Departments and many more ancillary units are now functioning from this building.
4. Bidhan Sarani campus provides the classrooms during CU exams, thus teaching – learning process goes on simultaneously during CU exams, thus saving loss of teaching days (a very big problem faced by Colleges sharing the same campus).
5. Saltlake Campus is under construction (ground floor construction almost complete) along with a Girls Hostel (to accommodate 36 students in first phase) and UGC has approved sanction of Rs. 50,00,000 for the purpose in its Xth Plan. This campus has been earmarked for PG studies, research and job-oriented Vocational Courses.

Table 4.1 – Expenditure towards construction and Maintenance of Infrastructure	
Expenditure incurred in last 5 years Rs. 1,16,97,444/-	
Expenditure upto 2007 – 08	
1. Bidhan Nagar Campus	
<i>A. Architect</i>	
prior to 2004 – 05	1,25,000.00
2004 – 05	1,35,550.00
Total	2,60,550.00
<i>B. Builder (Mackintosh Burn)</i>	
2004 – 05	15,00,000.00
2005 – 06	-
2006 – 07	40,00,000.00
2007 – 08	36,59,023.00
Total	91,59,023.00
<i>2. Supervision (Map Project)</i>	31,898.00
2007 – 08	
Grand Total	94,51,471.00
2. Bidhan Sarani Campus	
<i>A. Building Renovation and furniture</i>	
2004 – 05	2,14,581.50
2005 – 06	10,95,904.25
2006 – 07	2,86,910.72
2007 – 08	1,88,346.00
Total	17,85,742.47
<i>B. Municipal Tax</i>	
Upto 2006 – 07	2,58,864.00
2007 – 08	9,648.00
Total	2,68,412.00
<i>C. Electric Bill</i>	
2004 – 05	56,850.00
2005 – 06	28,139.00
2006 – 07	57,357.00
2007 – 08	49,453.00
Grand Total	22,45,973.47
Note : All Values are in Rs.	

4.1.4 Does the institution provide facilities like common room, separate rest rooms for women students and staff?

Yes, college provides all these facilities.

- Ladies Common Room – Main Campus (300 sq. ft.)
- Gents Common Room – Main Campus (500 sq. ft.)
- Teachers Common Staff Room – Main Campus (600 sq. ft.)
- Separate staff rooms for almost all Departments

4.1.5 What is budget allocation for How does institution plan and ensure that the available infrastructure is optimally utilized?

The available infrastructure is fully utilized. Compared to the number of students, no. of disciplines taught, no. of activities performed by teaching and non-teaching staff, the Routine sub-committee feels that available space is not adequate and quest is on to increase available space so as to add new market linked courses, research activities of teachers and students, more PG courses. The main building is shared by 3 Colleges (namely Vidyasagar College for Women and Vidyasagar Evening College. Academic activities start at 6.00 in the morning and continue upto 9.15 in the evening.

4.1.6 How does the institution ensure that the infrastructure facilities meet the requirements of the differently abled students?

In fact, the no. of Physically Handicapped who come to study (in spite of the fact that seats are reserved for this category) in the institution is very low and, if required, classes are arranged accordingly. Students' Union and Student Welfare Committee take needful steps in this regard.

4.2 Maintenance of Infrastructure

4.2.1 What is the budget allocation for the maintenance of : (2006 – 07 data)

- | | | |
|--------------|---|---|
| a. Land | } | Represented in item 4.1.3 |
| | | |
| b. Building | } | Additional Rs. 77,121.00 paid to Common Committee for |
| | | |
| c. Furniture | | Rs 21779/- (for repair) |
| d. Equipment | | Rs 44375/- |

e. Computers (2006 – 2007 session) - Amount spent on AMC of computers is Rs. 17,426 (46 computers). Computers at Computer Centre are maintained by Indian Institute of Computer Engineers (India).

f. Vehicles - Nil (since institution has no vehicles of its own).

4.2.2 How does the institution ensure optimal utilization of budget allocated for various activities?

A regular meeting of Finance Committee is convened to ensure optimal utilization of budget allocation. Proceedings of the Finance Committee meetings are placed before the Governing Body for notification and further guidance.

4.2.3 Does the institution appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained?

a. Maintenance of infrastructure

Maintenance of infrastructure of main campus is discussed at Common Committee Meetings and maintenance and repair are performed accordingly by competent authorities by accepting quotations and subsequently placing work orders. Separate staffs are engaged for maintenance of buildings and other infrastructural facilities.

Maintenance and repair of infrastructure of Bidhan Sarani Campus is executed by a specially designed Building Committee (Dr. Arunabha Misra as Convenor) which also looks after construction programmes at Saltlake campus. (2 non-teaching staff are employed to look after the cleaning and overall maintenance of Bidhan Sarani Campus).

b. Services and equipment :

Services and equipments are repaired by appropriate suppliers or competent authorities (usually suppliers / manufacturers) as and when required.

4.3 Library as a learning resource

4.3.1 Does the library have a Library Advisory Committee? What are its major responsibilities?

Yes. The Library Committee has framed 'The Library Constitution' on 1.10.1988. It decides the rules & regulations of the library, major decisions on grant, utilization of library fund, policy making & suggests the future plans to the College Authority, . It also reviews the present working condition, subscription of journals, needs of the users as well as the staff etc.

4.3.2 How does the library ensure access, use and security of materials?

Access : Through manual catalogue, computerized catalogue database searching. At the same time users can reach up to the individual almirah and can select the relevant books from outside the glass door of the almirah.

Use : Lending and reference service for the students and the faculty members of our College can use the University of Calcutta and USIS library holdings, as the College has Institutional membership for the same.

Security: Books are kept under lock and key within the glass door and all - steel almirahs. Open access system is not possible due to the common sharing of library space with the Vidyasagar Evening College for students, though there is open access for teachers.

4.3.3 What are the various support facilities available in the library? (Computers, internet, bandwidth, reprographic facilities etc.)

There are 4 computers in the Library used mainly for the building up of the database of its holdings & its retrieval purposes. Besides the library allocations budget, utilization of the grants all are computerized from the 9th plan period.

Reprographic service discontinued from 1995 as it is out of order since then.

Additional Information:

(A) The College has a tradition of publishing college magazines since 1923, and the list of such holdings (38 in number) are summarised below in Table 4.2

Table 4.2 – List of College Magazine holdings in Library		
Name of Journal	Year of publication and no. of copies in bound volumes	Important volume information
Vidyasagar College magazine	1923-1925(2)	
Vidyasagar College magazine	1925-1927	
Vidyasagar College magazine	1928-1933	
Vidyasagar College magazine	1933-1936	
Vidyasagar College magazine	1937-1938(2)	
Vidyasagar College magazine	1937-1938 & 1938-1939	
Vidyasagar College magazine	1938-1939(2)	
Vidyasagar College magazine	1939-1940	
Vidyasagar College magazine	1940-1941	
Vidyasagar College magazine	1942-1943	
Vidyasagar College magazine	1944-1948 (Winter number)	
Vidyasagar College magazine	1945(Winter number)	
Vidyasagar College magazine	1946-1948(Winter number)	
Vidyasagar College magazine	1949-1952	
Vidyasagar College magazine	1950-1952	
Vidyasagar College magazine	1953-1954(2)	
Vidyasagar College magazine	1954-1956(2)	
Vidyasagar College magazine	1957-1958(2)	
Vidyasagar College magazine	1959-1960(2)	
Vidyasagar College magazine	1961-1962-1963	
Vidyasagar College magazine	1962	
Vidyasagar College magazine	1963	
Vidyasagar College magazine	1974-1975-1976	
Vidyasagar College magazine	1976-1981	
Vidyasagar College magazine	1981-1982	
Vidyasagar College magazine	1982-1983	
Vidyasagar College magazine	1976-1981, 1981-1982, 1982-1983, 1983-1984	
Vidyasagar College magazine	1985-1987, 87-89, 88-89, 1997-1999, 2000-2001,	
Vidyasagar College magazine	2001-2002	
Vidyasagar College magazine	1859-1959 1872-1972 1872-1999 1973-1974	Centenary Souvenir Centenary Volume 125 th Volume 100 years celebration volume
Vidyasagar College magazine	1872-1997	125 th collection
Owing to some unavoidable circumstances Vidyasagar College magazine could not be published from 1970-1973.		

(B) The College is proud to have some valuable and rare books which may not be present elsewhere.

(C) The College is also the repository of a great number of rare books used by the founder, Pundit Vidyasagar, with gold foldings, separately preserved under tight security and used for reference in literature study.

4.3.4 How does the library ensure purchase and use of current titles, important journals and other reading materials? Specify the amount spent on new books and journals during the last 5 years?

Books are purchased on the basis of recommendations from the concerned Head of the Departments and finally decided in Library sub-committee meetings.

Journals are also procured in the same fashion, subject to approval of the Library Committee and the Finance sub-committee.

Table 4.3 : Grant to library towards purchase of books and journals (last 5 years).						
Year	Plan Period	UGC Grant	Govt. Grant	College Grant	Niladri Bhattacharya Memorial and College Grant	Library Fund
2002 – 03	1 st Installment & MRP	98,848.00	-	2,515.00	2,384.60	-
2003 – 04	X th Plan 1 st Installment (old utilization) & MRP	84,284.25	32,000.00	13,260.00	2,119.00	525.00
2004 – 05	2 nd Installment	1,28,221.00	-	2,590.00	2,585.00	-
2005 – 06	MRP	63,061.40 (Face Value)	-	25,262.00	2,527.00	-
2006 – 07	MRP X th Plan Final grant	2,00,875.00	-	10,000.00*	7,310.00	-
TOTAL		5,75,289.65	32,000.00	53,627.00	16,925.00	525.00
GRAND TOTAL						6,78,367.25
* Govt. Grant Matching Share						

4.3.5. Give details on the access of the on-line and internet services in the library to the students and faculty? (hours, frequency of use, subscriptions, licensed software etc.)

Internet facilities are just instituted, and schemes are being devised for proper utilization.

4.3.6 Are the library services computerized? If yes, to what extent?

SOUL (Software for University Libraries), developed by INFLIBNET (UGC), Ahmedabad, Gujarat, licensed for unlimited number of terminals with Hardware lock, has been initiated in Vidyasagar College Library.

Installation of software requires SQL, Server 2000 Personal edition at the background and Windows 2000 Server (Institution, presently has not been able to provide licensed version of SQL since it costs Rs. 75,000, hence a supplied version is used).

Price of SOUL software is Rs. 50,000. But since Affiliating University uses same software, it has been provided to the Institution at a discounted price of Rs. 20,000.

SOUL Database : (As on 4.3.2008 at 3: 40 p. m.)

Total items in the database (automatic catalogue volumes) : 17257

Out of total database, the no. of unique articles are : 11566

Nearly 350 entries are added per day to the database on all working days and the process is continuing, except on Saturdays, Holidays and Sundays.

4.3.7 Does the institution make use of INFLIBNET / DELNT / IUC facilities? If yes, give details.

Library has just initiated SOUL programme and Asst. Librarian has been trained in INFLIBNET in July 2007.

4.3.8 What initiatives are taken by the library staff to enrich the faculty and students with its latest acquisitions?

Books are physically displayed in separate almirah for few days before cataloguing, classification, shelving and then they are arranged in the almirah in classified order.

4.3.9 Does the library have interlibrary borrowing facility? If yes, give details of the facility.

USIS membership (interlibrary borrowing facility provided) and University of Calcutta library holdings.

4.3.10 What are the special facilities offered by the library to the visually – and – physically challenged persons?

Staffs are always available to meet the various kinds of demands of the physically challenged users by specially attending them.

4.3.11 List the infrastructural development of the library over the last two years.

- Addition of 2 rooms (approx. 300 sq. ft.) to meet the space problem
- Installation of 2 new computers
- Purchase of SOUL, Network Version (Library Software)
- Seating capacity of the reading room has been increased (Niladri Memorial Reading Space, Sri Ganesh Chandra Bhattacharya, f/o Late Niladri Bhattacharya, a former student of college donated Rs. 50,000 to open a reading room and has been continuously subscribing towards books in memory of his deceased son).

4.4 ICT as a Learning Resource

4.4.6 Does the Institution have up – to – date computer facilities? If yes, give details on the available hardware and software.

I. No. & spread of computer facilities in College

Table 4.4 – List of computers in the College			
Department	No. of Computer / node	Department	No. of Computer / node
Botany	1	Computer Sc.	14
Physiology	1	NAAC Office	1
Electronics	1	Principal's Office	1
Physics	4	Office Administration	5
Maths	3	Library	4
Journalism	5	Computer Centre	16
Chemistry	1		
Geography	3		
Zoology	1		
PG	1	Total	62

II. *Computer : Student ratio = 1 : 54.36*

III. *Stand alone facility:* 3 (library) and at least one in every Department having computers.

IV. *LAN facility :* Office (5 computer nodes in LAN), Computer Sc. Dept. (4 computer nodes in LAN)

V. *Configuration :* Pentium II, III & IV

VI. *Licensed Software :*

a. C programme, MS Office and operating system preloaded with Windows XP (6 machines are IBM Branded).

b. GIS, 21st Century solution for Geography as per CU.

c. SOUL (Library)

d. Office automation software (students data and accounting, including pay-packet calculation, salary-sheet etc) from *cybersoftec.com*.

e. All PC's in the Computer Centre are licensed by Institute of Computer Engineers.

4.4.7 Is there a central computing facility? If yes, how is it utilized for staff and students?

Recently a network with 9 terminals has been installed at Bidhan Sarani Campus. The facilities are in process of being extended to faculty and students.

4.4.8 How are the faculty facilitated to prepare computer – aided teaching / learning materials? What are the facilities available in the college for such efforts?

Teachers are mostly conversant using computers for compilation and preservation of data. Whenever new software is included in the curriculum, faculties are trained by competent authorities.

4.5 Other facilities

4.5.6 Give details of the following facilities :

a. *Capacity of hostels:* Vidyasagar College earlier had a hostel at 17, Bidhan Sarani, Kolkata – 700 006 by the name of Vidyasagar Hall, housing male students. This then newly constructed building was handed over to Vidyasagar College by an agreement between Education Department of the then Bengal Government and University of Calcutta in 1917, for use of the College and it functioned for the same till 1971, to provide space and accommodate the large number of students from distant and remote places. But gradually the hostel became refuge to great many intruders and college authorities lost control over it since 1970's. The College authorities through continuous pursuance to the Govt. of West Bengal, the Board of Residence of the University of Calcutta, the Higher Education Department of the Govt, has been able to acquire permissive possession of the Building, without any consideration of money, for utilization towards furtherance of education and development of College. The building was thus vacated from encumbrances by Calcutta High Court Order on 28th June, 2004.

Hence, presently Vidyasagar College does not have any hostel facility. But a ladies hostel is being put up at its Saltlake Campus, to accommodate 36 students (1st phase) and UGC has allotted Rs. 50,00,000/- in its Xth Plan for this purpose.

b. *Occupancy* : Nil

c. *Rooms in the hostel* : Nil

d. *Recreational Facilities: Teachers* – The Teachers’ Council (T.C.) has a constituted Cultural / Farewell sub-committee comprising of 7 / 8 teaching members, which organizes cultural programmes and arranges farewell programmes for retired teaching staff. The T. C. has also constituted a tour sub-committee to organize recreational tours / picnic for teaching staff at least once / academic year. T.C. also organizes friendly matches with non-teaching staff and students.

Students – Students have democratically elected Students Union (S.U.) an important body of students. College provides separate common rooms for male and female students. S. U. organizes college picnics, cricket, football tournaments, debates, mock parliaments, common room tournaments, many social ad cultural events at different times of the year. For big events like ‘social’ and ‘Freshers’, students hire the large auditorium at Mahajati Sadan, very close to the campus.

e. *Sports and Games (Indoor and Outdoor facilities)*: students organize indoor tournaments in their respective Common Rooms. They also organize sports (cricket and football) at the vacant land (8A, Sibnarayan Das Lane) within Campus for small events and big events at Marcus Square (sports field enjoyed by Vidyasagar College along with 4 other Institutes).

f. *Health & Hygiene: (i): **Health Care Centre*** – The College has set up a Health Care Unit, with preliminary health checking facilities since 2005, open twice / week on Tuesdays and Fridays and visited by Dr. Ambika Dutta, and emergency cases are easily rushed to Calcutta Medical College, a few metres away from the Institution.

[T.C. and Students' Union have each donated Rs. 50,000, and Rs. 1,00,000 by the College Authorities, to form a separate fund for *Health Care Centre* and expenditure of the same are met out from interest on fixed deposits of Rs. 2,00,000/- designated to this account.]

(ii) ***Students Health Home***: All students of college are members of Students Health Home, Govt. of West Bengal and can avail of both indoor and outdoor medical facilities at a nominal cost.

4.5.7 How does the institution ensure participation of women in intra and inter – institutional sports competition and cultural activities.

SPORTS : Women equally participate in intra and inter-institutional sports competitions and cultural activities. Some events are summarized – Table Tennis Competition for girls, Sprint, Musical Chair, Skipping, Break the pot

One of the girl students, Tanasi Das Dutta has qualified for 2 Silver and 1 Bronze in Indo-Bangla swimming competition.

CULTURAL: Girl students participate more in numbers in cultural programmes like College Social, Freshers Welcome, Teachers Day Programmes, and Music Competitions.

4.5.8 Give details of the common facilities available with the Institution

a. ***Staff Room*** : There is a common Staff Room (approx. 600 sq. ft) for all teachers and co-shared with teachers of the two other colleges. All lab based Departments have their

own staff rooms and most of the non – lab based has shared space utilized as their staff rooms and library.

b. *Day Care Centre* : Not available

c. *Common Room for students* : Ladies Common Room (300 sq. ft), Gents Common Room (600 sq. ft), Gymnasium (Bidhan Sarani Campus), being set up.

d. *Rest Room* : Not available

e. *Health Centre* : Stated in 4.5.1 (f)

f. *Vehicle Parking* : There is parking space for 10 – 15 cars at Bidhan Sarani Campus

g. *Guest House* : Not available

h. *Canteen*: Students have a subsidized canteen (600 sq. ft.)

i. *Internet Café* : NA

j. *Transport* : NA

k. *Drinking Water*: All drinking water taps are provided with AQUAGUARD, which are covered under AMC.

l. **Telephone:** There are 4 telephone connections at the following places – Principal's Office (033 – 2241 – 3018), Office (033 – 2241 -4447), Bidhan Sarani Campus (033 – 2257 - 5368) and Computer Centre (033 – 2219 1297). Besides, pay phones are fixed by telecom Department at different sites.

All Departments, offices are connected by intercom facility.

4.6 Best practices in Infrastructure & Learning Resources

4.6.1 *What innovations / best practices in 'Infrastructure & Learning Resources' are in vogue or adopted / adapted by the institution?*

Historical evidences and to date best practices:

- First private college in Presidency of Bengal established in 1872 with unique distinction of management, funding and teaching by Indians in British India and demarcated as a shrine of Indian nationalism.
- Dawn Society established and opened at Vidyasagar College in 1902, the precursor of the National Council of Education, from which Jadavpur University developed.
- Commencing Commerce Course in 1928 in night section and was the first non-governmental night college of Commerce in Bengal.
- Women's section introduced in 1931 and recognised as first private college for girls.
- Setting up two branches namely, Nabadwip Vidyasagar college and Suri Vidyasagar College in 1942 which later got status of independent colleges in 1948.
- Setting up two more independent colleges (Vidyasagar College for Women 1960 and Vidyasagar Evening College, 1961)
- For generations, this college has been playing a glorious role in the pursuit of learning with a spirit of sacrifice and service and great many eminent sons of India from various walks of life got associated during the first 100 years.
- College has been served by eminent teachers like Rashtraguru Surendranath Banerjee, Deshbandhu Chittaranjan Das, Sri T.S. Vasani, Dr. Ashutosh Mukherjee, Sri Khudiram Bose, Sri Mahendralal Gupta, Sri Suniti Kumar Chattopadhyay and many more.
- UGC recognised this college as one of the forty colleges in India (six in West Bengal) to initiate COSCIP and COHSIP programmes in 1972.

- Initially a purely boys institution, co-education was initiated w.e.f. 1980 – 81 session in Arts (Letter No. : C/642/43 dated 13.11.1979 from Inspector of Colleges) and 1985 – 86 session in Science (Letter No. 389/63, dated 2.9.85 of Inspector of Colleges)
- Teacher’s training centre at Geography Department for Secondary teachers by West Bengal Board of Secondary Education, between period 1978 and 1981.
- Many more Honours courses introduced – Physiology (re-introduced 1996 – 97 session), Computer Science (2004 – 2005 session), Electronics, Journalism and Mass Communication, Biochemistry (2007 – 08 session) and Computer General (1998 – 99 session), Electronics General (1999 – 2000 session), Journalism & Mass Communication (2004 – 05 session).
- Entry into the era of Higher Education by introducing PG course in Zoology
- Infrastructural facilities enhanced from one campus (main building) to three (additional Vidyasagar Hall, Bidhan Sarani and campus at Saltlake)
- Vidyasagar College Computer Centre set up in August 1994, in association and collaboration with Institute of Computer Engineers, recognised by D.O.E. Govt. of India for DOEACC Courses.
- Procurement of plot of land measuring 60.1627 Cottahs in Block CL, Sector II of Bidhan Nagar, Kolkata – 700 091, allotted by Govt. of West Bengal against a nominal price of Rs 6,01,627/- to set up another campus for the College for Higher Education and Vocational Courses (Deed executed on 24th Sept, 1996, Deed No. 3970 of 1996). The new campus is being brought up on the said plot of land (Rs. 94,51,471.00) has been spent so far and construction undertaken by Macintosh Burn. MPLAD donated Rs. 15,00,000 for the purpose.

CRITERION – V

Student Support & Progression

5.1 Student Progression

5.1.1 Give the socio-economic profile (General, SC/ST, OBC etc) of the students of last 2 batches.

Table 5. 1 : Category of students in last 2 batches.				
Category of students	Session 2006 – 2007		Session 2005 – 2006	
		Percentage		Percentage
General	2105	84.16	1766	86.57
SC	319	12.75	256	12.54
ST	30	1.19	22	1.07
OBC	-	-	-	-
PH	-	-	-	-
Women	1043	43.1	917	44.95

It is noteworthy to mention that the Institution caters needs to all sections of the society and the institution has renowned distinction of catering to economically backward students (approximately 40 %) due to its congenial atmosphere.

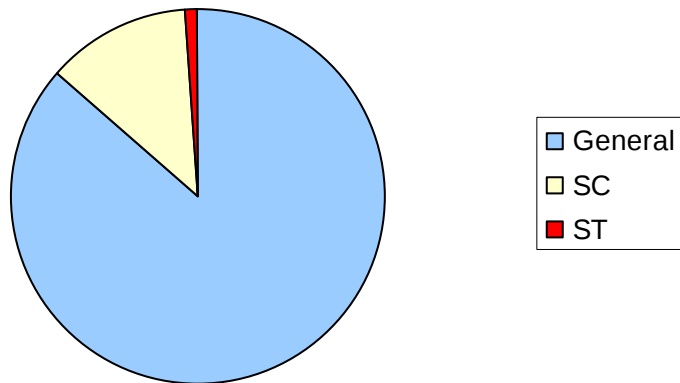
5.1.2 What are the efforts made by the institution to minimize the drop out rate and facilitate the students to complete the course?

Drop out rate =
$$\frac{\text{No. of students admitted} - \text{No. of students passed out}}{\text{No. of students admitted and registered}}$$

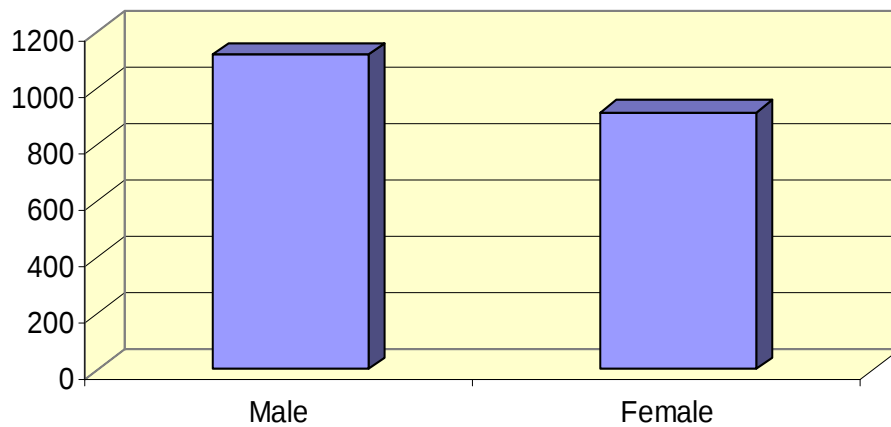
The data is 32.38 % for (2003 – 2006) batch and 41.12 % for (2004 – 2005) batch. This is basically for 3 reasons :

- a. After admission and registration with CU, admission in the large number of private engineering college continues and a section of science students opt for such career oriented courses.
- b. A large section of SC / ST students get fair chances in the career oriented courses at other institutes in preference to degree courses – a general trend these days.

Graph depicting Proportion of General, SC and ST Category of Students (2005-2006)



Graph Depicting Number of Male and Female Students (2005-2006)



- c. Since flexibility of CU curriculum is 5 years, it is a general tendency of students to avail of the opportunities towards improving their grades. They often drop out from appearing in the University examination hence students admitted in a year may have passed out in the 4th or 5th year of their studies.

In an effort to minimize the drop out rate, students are encouraged to complete their courses within due time through proper academic counselling.

- (i) However, if any student cannot continue their studies due to economic constraints, college provides them with adequate help through 'Students Aid Fund' (amount distributed in 2006 – 07 = Rs. 40,000/-)
- (ii) Some students who are in need of books but cannot purchase them are provided text books from Ex-students Association (Vidyasagar College Former Students Association).
- (iii) During the last two years many agencies engaged in recruitment for different jobs or counselling are invited to the campus through our 'Placement Cell' to counsel the students and conduct campus interviews. Many students have been recruited in this drive during the last one year.

5.1.3 On an average, what percentage of students progress to further studies and for employment? Give details of last 2 years. (UG to Ph.D and / employment).

The pass percentage and number of first classes obtained by students of this Institution (Criterion V: Students' Support & Progression, Table 5), clearly reflects that the Institution fairs appreciably well in the University examination. Hence a large number of students progress towards PG, B. Tech and allied courses towards higher studies.

**Table 5.2 : Progression of students towards
higher students / employment**

Courses / Employment*	2007 & 2006
PG	60 % (approx)
B. Tech	20 % (approx)
School Service / College Service / Other employment	30 % (approx)

The departments keep record of their out going students and whenever a recruitment agency needs some pass outs, for them the list is provided through placement cell. Till date 2 students have been recruited in the last year from the department of Chemistry in this process.

*Data presented on random selection of a number of students since honours teaching Departments receive feedback and receiving feedback on all students is a difficult task for a primarily UG College.

Recruitments are also done through campus interview.

5.1.4 How does the institution facilitate the placement of its outgoing students? What proportion of the graduating students has been employed (last 5 years)?

The college is basically an UG College, and only first batch of PG students have completed their course. The better batch of students usually gets enrolled in different Universities and Institutes of Higher Learning.

Placement: A placement cell has been recently set up in 2007, which organizes programmes for job appointments as well as Career Counselling.

5.1.5 How does the institution facilitate and support students for appearing and qualifying in various competitive examinations? Give details on the no. of students coached, appeared and qualified in various competitive examinations (Average of last 5 years). (UGC –CSIR, NET, SLET, GATE, CAT, TOEFL, GMAT, Civil Services, IAS, IPS, IFS, Central / State Services).

Basically being an UG College, there is very little scope for Institution to coach students for competitive exams stated above (in which students can take part only after completion of PG). But, from the beginning of programme, teachers motivate the students, so that they may progress towards higher education and secure competitive placements. When approached prior to appearing at PG entrance examination at higher institutes like IIT's, TIFR etc, teachers are glad to give them guidance, necessary study materials and latest updated information. No. of students qualifying for competitive examinations are put forward in Criterion – V.7. The college has made arrangements to equip the students with good communication skill through *spoken English classes* with *British Institute* and mock interview organized by different agencies engaged by the college.

5.1.6 Give a comparative analysis of the institutional academic performance with reference to other colleges of the affiliating University and University average. (Pass Percentage, distinctions, Gold Medals, University Ranks, marks obtained in relation to University average (last 5 years data)).

University of Calcutta does not provide affiliating Colleges with such data, but Vidyasagar College may be ranked one among the first 15 colleges affiliated to CU with respect to the results obtained at the qualifying University Examination.

Table 5.3 : Academic Performance of Institution						
		2003	2004	2005	2006	2007
UG	Pass Percentage	97.78	97.71	97.37	95.86	97.36
	First Classes	40	49	42	59	37
	Ranks	Data not available				
PG	Pass Percentage					100
	First Classes					25

5.2 Student Support

5.2.1 Does the institution publish its updated prospectus, handbook and other student information material annually? If yes, what is the information disseminated to students through these publications?

Yes, students seeking admission to the College have to procure a College prospectus, which is updated and renewed annually with great care. There are separate prospectuses for UG and PG courses. The prospectus embodies all possible information about the Institution regarding –

- o Profile of college, college regulations, academic principles adopted by college, examination schedules, co-curricular activities, facilities available in the college
- o Admission process guidelines, possible subject combinations with codes allowed for registrations as per CU rules.
- o College charges, fee structure, prize, scholarships and endowments
- o List of Governing Body members, Faculty and Non – Teaching Staff
- o Holidays and recesses.

5.2.2 Does the institution provide financial aid to students? If yes, specify the type and number of scholarships / free-ships given to the students during the last academic year by the institution (other than provided by the Social Welfare Departments of the State or Central Governments).

Presently there are endowments, free-ships and financial support from Students' Aid Fund, funds for many of which are raised from 'fixed deposit income' against donations received by College from valued donors, as listed in College Prospectus. [Social Welfare Departmental Scholarships from Govt. Departments are not included here].

Table 5.4-Prizes, Scholarships and Endowments

Sl.No.	Name of Award/Scholarship	Recipient	Remarks
1	Vidyasagar College Centenary Medal	Highest score in Geography Hons BA/BSc Exam	One medal donated by the Geography Dept: annual
2	Vidyasagar College Centenary Scholarships	i. First in BA Part I exam ii. First in BScPart I exam	Donated by the Birla Group: Rs 75 pm, subject to continued study in College upto 3 rd year
3	Nrisingha Chandra Sen Prize	First in Economics(Hons) Part II exam	Prize in books
4	Nilima Banerjee Memorial Scholarship	First in 1 st year BA English(Hons)	Monthly scholarship
5	Belarani Medal	Highest scorer in Physics(Hons) Final Exam	Gold centred medal
6	Late H.L.MitterMemorial Prize	Highest scorer among BSc(Hons) subjects, Final exam	Gold medal donated by the Administrator of the Estate Promila Bala Mitter
7	Ashim Roy Memorial Prize	Highest scorer in Chemistry(Hons) Final Exam	Annual
8	Aurobindo Guha Life Science Endowment	Highest scorer in Part I Honours exam in Botany & Zoology	One stipend of Rs 9 for regular student, subject to continued study in 3 rd year
9	Manada Sundari Stipend	Highest scorer in Part I Honours exam in Physics, chemistry & Maths	One stipend of Rs 9 for regular student, subject to continued study in 3 rd year
10	Sudhir Kumar Bose Memorial Medal	Best student in Science stream	One silver medal, annual
11	Indranarayan Mitra Memorial Prize	Highest scorer in Bengali pass in BA Final Exam	Book prize, annual
12	Avijit Raha Merit Scholarship	Highest scorer in Economics (Hons) Final Exam	Monthly, subject to prosecution of post-graduate studies
13	i. NiladriBhattacharyya Memorial Award ii. NiladriBhattacharyya Memorial Welfare Fund	Best scorers(Part I & II inclusive) in (a) Physics(H),(b) Chemistry(H), (c)BSc Final exam,(d)Pol Sc(H), (e) Bengali (H), (f) History(H)	i. Five awards: only the 2 best scorers from (d), (e) & (f) will be awarded ii. To be awarded to poor & meritorious students
14	Beduin Chakraborty Memorial Welfare Fund	To be awarded to poor & meritorious students	Annual
15	Nakul Chandra De Memorial Prize	Highest scorer in Zoology(Hons) Final Exam	Among male students
16	Priyabala De Award	Highest scorer in Zoology(Hons) Final Exam	Among female students
17	Sudhansu Bikash De Award	Highest scorer in Bio Pass Final Exam	Annual
18	Sreemat Swami Brahmananda Giri Smarak Scholarship	One for poor & meritorious student with Honours in Chemistry or Physics or Maths, and one for poor & meritorious student with Honours in Geography or Economics	Annual scholarships
19	Pramit Basu Memorial Fund	i. Two students obtaining highest marks in Economicsin Final exam ii. Financial assistance to needy and meritorious students.	Medals and gift cheques

Table 5.5 : The budgetary allocation / expenditure incurred for financial support provided by Institution (2006 – 2007 session).		
Name of Scholarship	No. of Scholarship	Amount disbursed (Rs.)
1. Endowment	15	Rs. 13,724
2. Free-ships	20 × 3 = 60	Rs. 45,000
3. Students Aid Fund	25	Rs. 40,000
4. Institutional scholarships	6	Rs. 26,300

5.2.3 Give details of schemes for students welfare.

(i) Insurance : No such facility exists.

(ii) Subsidized Canteen Facilities : The Common Committee (3 colleges functioning from the same campus) has a common students canteen. This canteen is maintained by an Operating Agency, appointed through common tender and supplies food to students at a subsidized rate. Subsidy is offered in terms of (a) Subsidy through money, (b) Cess, (c) Electricity provision and (d) Provision for furniture.

(iv) Special diets : No such facility exist

(v) Students Counselling Support : a. Academic counselling provided by teachers in and outside the classroom, and in parent – teacher meetings on a 1 : 1 basis. b. Career counselling provided by newly formed ‘Placement cell’ with tied – up institutions.

(vi) Earn while you learn: Students are sometimes appointed by college authorities for data entry purpose. College is planning to implement such schemes in near future to support economically backward students. 1. In Library, 2. In NAAC related works, 3. In the Principals office for entering students information.

5.2.4 What types of support services are available to overseas students?

Students coming from Bangladesh have been provided with all facilities as other students.

5.2.5 Give details of the placement and counselling services for the students.

The placement / counselling cell, set up in 2007 has already performed the following activities upto Jan 2008 as shown in the Table below. Besides inviting the agencies who want to recruit our students in the campus, the cell also invites agencies who are engaged in training our students for facing interview boards. The cell also makes elaborate arrangement through notice boards and other means of campaigns to make the students aware about the dates, mode of interview to be faced and special skills required by a recruitment agency so that the students can come prepared for the interview board.

Table 5.6 : Placement Cell / Counselling Cell Activity			
Date	Organization	Participation	
		No. of students	Remarks
20.02.2007	'Unish Kuri Career Swapner Siri' by Ananda Bazar Patrika Limited, Career Counselling	20	
05.03.2007	Achievers Placement Consultancy	62	3 selected
07.03.2007	Merit Track Sales executive for ITC	32	3 selected
12.03.2007	XEXITIS Aptitude Test and Interview	55	4 selected
21.03.2007	IIT Selection for Career Counselling Course	45	7 selected
23.03.2007	SCAFFOLD Academy Campus Recruitment	45	3 selected
04.09.2007	EMC	8	1 selected
04.12.2007	2 COMS Consulting (P) Ltd. Campus recruitment for Prudential Life Insurance	21	6 (Final Interview)
05.12.2007	FIRST SOURCE (Associate of ICICI Bank) & Recruitment for VODAFONE BPO	10	2 selected
11.12.2007	HCL Career Development Centre	62	30 selected
12.12.2007	University of Sussex	24	
19.12.2007	Techable (Counselling)	22	
15.01.2008	Proctor and Gamble Career Counselling	95	

5.2.6 How does the institution encourage and develop entrepreneurial skills among the students.

Student members are representatives of all bodies of the college and take part in all decision making processes, thus fostering their active participation and obliging their valued views, thereby strengthening their self confidence.

Seminars organized by Departments provide students with a scope to make direct interactions with established experts of the respective field.

Participation in NCC / NSS activities and organizing social work (e.g. blood donation camps etc) develops entrepreneurial skills among students.

Organizing inter-college sports events and social and Freshers Programmes at a very large scale completely on their own fosters managerial skills.

5.2.7 Does the faculty participate in academic and personal counselling? If yes, give details of services provided during the last academic year.

It is an age old tradition of this institution, to provide counselling to students on academic and personal matters by faculty of all Departments at full length but the friendly and congenial atmosphere provided by the faculty does not require any designated routine / schedule for its manifestation.

Counselling is provided during:

- a. Process of admission so that a student can choose a course depending on his / her merit.
- b. In case of failure of a student, teachers of respective departments do proper counselling for facing future examinations.

- c. Students generally come to the college to meet their teachers after they pass out for their options and opinions about choosing a course or an university for higher studies.
- d. Counselling for jobs are also done as stated above.

5.2.8 Is there a separate guidance and counselling centre for women students? If yes, enumerate he activities of the centre.

The Institution is not gender biased and maintains equity. Hence such a separate guidance and counselling centre need not to be formed. Special grievances of women students are patiently dealt with by women faculty (50.70 % of Teaching faculty being women) if it seems necessary.

5.2.9 Is there a cell / committee constituted for prevention / action against sexual harassment of women students? If yes, give details of its constitution and enumerate its activities. (Issues redressed during last 2 years)

Such a cell is yet to be constituted, abiding by the rules framed by the constitution of the affiliating University. Teachers' Council has resolved in one of its meetings to constitute such a cell. Two female faculty members have participated in a workshop on the Constitution of Women's Grievance Cell at Jadavpur University on 29 – 30.11.2007.

5.2.10 Does the Institution have a grievance redressal cell? If yes, what are its functions? Detail the major grievances redressed during the last two years.

The college has a grievance redressal cell constituted by the Principal with the following :

- (i) Tow senior members of faculty, one of which is a woman
- (ii) A senior non-teaching staff member.

In the last 2 years, 4 important cases have been amicably resolved of these 3 cases arose mostly out of misunderstanding between

- (i) One member of the teaching staff with one member of the non-teaching staff (2 incidents)
- (ii) Two members of teaching staff (1 incident)
- (iii) The students (1 incident)
- (iv) In the 4th incident, President of Governing Body was also invited and Principal acted as co-ordinator of the body.

A separate file is maintained by the Principal to keep all records of such grievances and controversies.

5.2.11 Is there a provision for acquiring computer skills / literacy for all students, in the curriculum? If yes, give details on how it is imparted, and level of proficiency.

- a. Compulsory Computer Awareness Programme for all General Course students – General Computer literacy knowledge and applications.
- b. Many honours courses and PG course have computer learning in their syllabi.
- c. Students often opt to undertake short term computer courses at a discounted rate at Vidyasagar College computer Centre (DOEACC Courses).

5.2.12 What value-added courses are introduced by the institution to develop life skills; career training; community orientation; good citizenship and personality development of students?

- a. Compulsory computer awareness programme
- b. Communicative English in collaboration with British Institute.
- c. In general, every course taught is ipso facto inclusive of lifestyle skill adoption. As the students are interacted by the faculty, the latter make both direct and tangential references to the professions and professional courses (Community Orientation is provided for when the students go on outdoor trips organized by the various departments as academic excursions. It goes without saying that when values are taught to students,

the importance of being good citizens almost automatically take the centre stage of arguments and facts presented in the class and while organizing one-to-one sessions. We may say with due humility that the behaviour of the faculty and the ambience of the college help build the student personality).

d. Informal value added programmes like dissemination of scientific knowledge through the science club “Acharya Prafulla Chandra Roy Smriti Bignan Club” initiated from 17.03.2008 in the college. This club is organized by the students.

5.2.13 How does the institution ensure safety and security of the students, faculty and the institutional assets?

(i) The college has its own Gate Keepers (2 in the common building) who take care of the safety and security of the college by ensuring restricted entrance of outsiders into the college campus during the college hours.

(ii) a. During off hours the College has its own night watchman (one in the common building) who shares his duty with night guards of other two colleges who share the campus during morning (Vidyasagar Women’s College) and in the evening (Vidyasagar Evening College). b. In the Bidhan Sarani Campus the security has been handed over to a private security agency namely ‘Industrial Security Consultants and Services’, who takes care of the whole campus round the clock. c. The college has a ‘Caretaker’ (Govt. appointed) who takes care of the institutional assets in both the Sankar Ghosh Lane and Bidhan Sarani Campuses.

5.3 Student Activities

5.3.1 Does the institution have an Alumni Association? If yes,

Vidyasagar College has two Alumni Associations –

A. 'Vidyasagar College Former Students Association' [established in 1991, Regn No. S/92086 of 98 – 99] by Vidyasagar Group of Colleges (Vidyasagar College for Women, Vidyasagar College & Vidyasagar Evening College).

Website : www.geocities.com/vidyasagarcollege/formerstudents/vidyasagarcollege

Email id : vidyasagarcollegeformerstudents@yahoo.com

B. 'Vidyasagar College Alumni Association' – Efforts for formation of a separate association has initiated since 15.02.2007 and at present 'Drafting of Memorandum' is being done, and is expected to start activities in near future.

(i) List its current Office bearers :

A. Vidyasagar College Former Students Association (2006 – 2008)

President – Sri Shyamal Chakraborty, president of CITU, West Bengal, member of

Central Committee (CPI(M)).

Vice Presidents – Sri Swapan Krishna Deb and Sm. Tapati Dutta

Joint General Secretaries – 1. Sri Hiranmay Hazra, General Manager(P&A), West Bengal State Electricity Transmission Company Limited.

2. Sri Jayanta Sen, Vidyasagar College

Asstt. General Secretaries – 1. Sm Juthika Das 2. Sri Tamal Mitra

Treasurer - Sri Dhurjyoti Prasad Das

Office Secretary - Sri Prabir Basu

Journal Convenor - Sri Sujit Acharya

There are presently 196 Life Members and 1241 Annual members attached with this Association.

B. Vidyasagar College Alumni Association (2007 – 2008)

Executive Committee:

Chief Patron:	Dr. Tapan Kumar Mishra, Principal, Vidyasagar College.
President:	Sri Shyamal Chakraborty, Member of Parliament.
Vice-president:	Sri Prasanta Banerjee, Selection Grade Lecturer, VC. Sri Hiranmay Hazra, Ex-student, VC.
Treasurer:	Sri Priya Niyogi, Asstt teacher, Vivekananda Vidyapith, Kankurgachi.
Asstt Secretary:	Dr. Chitrita Chaudhury, reader, VC
Members:	Dr. Arunava Misra, reader, VC Dr. Uttam Nukherjee, Reader, VC Sri Jayanta Sen, GLI, Ex-student, VC. Sri Pradipta Kumar Ghosh, GS, Students' Union. Sri Lakshmi Narayan De, Non-teaching staff, Sikshakarmi Union.

(ii) List its activities during the last two years.

Vidyasagar College Former Students Association was established during 1991 under the initiative of some former students of the College, who were at that time renowned, well placed and established. It had the objective to maintain contact with former students, in the interest of the Colleges as well as present students because of the possibility of deriving help from former students, currently in different walks of life. From the inception, the Association embrace former students of all the three Colleges, viz. Vidyasagar College for Women, Vidyasagar College and Vidyasagar Evening College.

the members include former students even of 1940's. This was more so because of the reasons:

- a. There were many students who initially were students of the initial Vidyasagar College and later became one of the other Colleges.
- b. Address and Building of the three Colleges are the same.
- c. Even a few decades ago Governing body was same.

However, initially the Association had no provision for life membership and membership was only annual. From the year after it had framed its constitution, life membership was also started.

In the last two years the activities of the Association include:

- a. Donating books and other educational materials to needy students of the three Colleges. All the students who have applied with their particulars have been awarded with those books and study materials.
- b. Like all other years annual picnic with family members of former students took place to enhance cohesiveness amongst former students who are now in different walks of life and their family members.
- c. During this year a two day Career Orientation Programme took place in collaboration with Vidyasagar Evening College where one of the General Secretaries of the Association, Shri Hiranmay Hazra, presently General Manager (P&A), West Bengal State Electricity Transmission Company Limited and Shri Shibaji Ghosh, IPS were the Speakers. The two other Colleges were also approached. A course of Safety Training has been planned with Vidyasagar Evening College also. The trainer will be one of the life members of the Association who presently is Chief Trainer of Red Cross and President of

India's Gold Medal awardees. The two other Colleges will also be approached. On the day of Reunion obviously cultural programmes are organized as a part of the celebration. On this occasion former students of the Colleges who were students at least 50 years ago are felicitated. Former teachers and non-teaching staff of the Colleges who served the college and are presently superannuated are also felicitated.

d. Financial help to the poor and needy students who approach the association are given. Last year such financial help was given to students of Vidyasagar College for Women. However, previously such students of Vidyasagar College also received this help.

e. It arranged its 12th reunion and published a magazine 'Vidyasagarika' to commemorate the occasion.

But beyond these two years the Association has conducted several other programmes. Almost each year we have conducted seminars on one of the burning topics and distinguished speakers who are former students of the colleges and are luminaries in their own fields were speakers. At the call of Chief Minister, Government of West Bengal Blood Donation Camps was also conducted. All Bengal Debate Competitions are also conducted where colleges from all corners of West Bengal participated.

It needs to be mentioned here that on the occasion of the 125th year of the College initiatives was taken by one of the then Vice President Shri Tarit Baran Topdar, M. P. to release the commemorative Postal Stamp. The design was also prepared by Shri Anup Roy, one of the members who is an artist. Besides, a documentary film was broadcast over Kolkata Doordarshan on the occasion which was also done by the Association.

The committee comprises several famous persons since its inception. Some of whom presently are no more; some others are incapable because of their age, physical and other reasons. Some of the members of the present committee are as follows:

Patrons : 1. Shri Tarit Baran Topdar, M. P., 2. Shri Pramathonath Plait, Sr. Advocate, Kolkata High Court and Supreme Court 3. Justice Shyamal Sen, former Chief Justice, Kolkata High Court and former acting Governor of West Bengal, 4. Prof. Ramakanta Chakraborty, General Secretary, Asiatic Society and noted Scholar, 5. Dr. Ramkrishna Bhattacharjee, a noted Intellectual, 6. Dr. Basudev Barman, M. P., 7. Dr. Upen Biswas, I. P. S., Retd. I. G., CBI, Dr. Bela Duttgupta, Calcutta University and former Chairperson of Women Commission, West Bengal and former examiner of UPSC, 9. Shri Narayan Ghosh, I. P. S., former I. G., CID, 10. Shri Jogesh Chatterjee, I. P. S., I. G., Headquarters of West Bengal. The committee includes many present Teachers and former teachers of these colleges also.

(iii) Give details of the top ten alumni occupying prominent positions.

1. Acharya Prafulla Chandra Roy, Eminent Scientist, (ex-student, 1979)
2. Professor P. K. Dutta, Eminent Professor, (ex-student and teacher 1935)
3. Professor S. R. Palit, Eminent Scientist (Indian Association for Cultivation of Science), (Ex-student)
4. Professor Satyesh Chandra Pakrashi, Eminent scientist (Indian Institute of Chemical Biology, Ex-Director), (Ex-student)
5. Professor Basudeb Barman, (Ex VC, Kalyani University), (Ex-student)
6. Professor Santosh Kumar Bhattacharya (Ex VC, Calcutta University),
7. Professor Manindra Mohan Chakraborty, (Ex-VC Jadavpur University),

8. Prof. Jadunath Sarkar, (Ex VC, Calcutta University), (Ex-student)
9. Dr. Nilratan Sarkar (Ex VC, Calcutta University), (Ex-student)
10. Prof. Debasis Mukherjee (Director, Indian Association for Cultivation of Science), (Ex-student) are only a few to be mentioned. Many luminaries in the National and International field glitters the Alumni of this Institution

(iv) Give details of the contribution of alumni to the growth and development of the institution.

Detailed in 5.3.1(ii)

5.3.2 How does the institution encourage its students to participate in extra-curricular activities including sports and games? Give details on the achievements of students during the last two years. (Institution level/ inter-collegiate / Inter-University/ Inter-state/ National/ International)

Institution encourages its students to participate in extra – curricular activities of all kinds :

A. Extension Activities (NSS) :

NSS team comprising of 59 members at present in 1 unit has performed the following activities :

1. Environmental awareness Programme (2006)
2. Mother and Child Health and eye care for 150 mothers and children of local economically backward area – jointly by NSS team, Students Union, M. N. Chatterjee Eye Hospital and Calcutta Blood Donors Forum (05.11.2007) – 2 programmes. (Outside Campus)

B. Students Union Activities :

1. Blood Donation Camp in campus (2006)

2. As above in A(2)
3. Freshers Welcome (NABINBARAN at Mahajati Sadan(September)
4. Social (UTSAV) at Mahajati Sadan (October)
5. New Year Celebration (BARSHABARAN) at college Seminar Hall
6. Saraswati Puja (every year on date)
7. Annual Picnic [January]

C. Sports and Games :

Table- 5.7- Students' sports activities	
2005 – 2006	2006 – 2007
1. Inter College Cricket Tournament organized by CAB (Feb 2006) – qualified upto 1 st round	1. Inter College Cricket Tournament organized by CAB (Jan 2007) – qualified upto 1 st round
2. Inter College Cricket Tournament organized by CU Sports Board (April 2006) – qualified upto 1 st round	2. Inter College Cricket Tournament organized by CU Sports Board (April 2006) – qualified upto 2 nd round
3. Inter College Football Tournament organized by CU Sports Board (Aug 2006) – qualified upto 1 st round	3. Inter College Football Tournament organized by CU Sports Board – participated
4. Inter College Table Tennis Tournament organized by CU Sports Board (Aug 2006) – qualified upto Semi- Final	4. Inter College Table Tennis Tournament organized by CU Sports Board – participated
5. Inter Departmental Cricket Competition	5. -
6. Common Room Tournaments (Both Sessions)	
(i) Carrom competition	
- Boys singles and doubles	
- Girls singles and doubles	
- Mixed doubles	
(ii) Table Tennis competition	
- Boys singles and doubles	
- Girls singles and doubles	
7. Annual Sports (Jan 2006 and 2007)	
Boys – 400 m relay race	
200 m run	
100 m run	
Hit the wicket with ball	
Kick the ball	
Girls – 100 m run	
Musical Chair	
Skipping	
Break the pot	

D. Sports win in Events (National and International) :

1. A girl student Tanasi Das Dutta (Roll B / 25 2nd year) received Free Style Swimming (2 silver and 1 bronze) in International event of Indo – Bangla games and is preparing for other International events.
2. A boy student Subhasis Ghosh (Roll No. BG/55) won
 - a. Gold Medal in Continuous Fight at International Sports Karate Association (CCP Cup) where 24 countries participated, held at Australia.
 - b. Silver in point fight. India secured 4th rank in these events.
3. Pallab Ghosh played cricket and represented State in 1st Div (under 19 competition)
4. Partha Pramanik played cricket in 2nd Div (All India Coca Cola Cup [under 19])
5. Saroj Shaw and Arunabho Das played 2nd Div Cricket in CAB.

College authorities have felicitated these students for qualifying International events through separate functions.

5.3.3 How does the institution involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

The college authority encourages and inspires its students to express their creativities by publishing their articles through the following :

Publications of Students' Union (2006 – 2007 session)

1. ANGAN (4) – A quarterly News Bulletin Patrika) comprising of SU news, literary materials and topics on current affairs.

2007 issues published : February, April, September, October

Editorial board comprises of students only, expenses borne by Students' Union

2. Vidyasagar College Magazine (1) – Annual magazine published in December 2006.

Editorial Board comprises of Magazine sub-committee, consisting of faculty, students and non-teaching staff. Entire cost for the same borne by College

3. Wall Magazine – Some Departmental students put up Wall Magazines funded by Departments.

- a. Political Science (Weekly)
- b. Geography (HORIZON, monthly)
- c. Botany, Zoology

5.3.4 Does the institution have a Student Council or any similar body? Give details on its constitution, major activities and funding.

The students of this College enjoy the privilege of having a statutory and elected Students' union (VCSU). It is an elected body of the class representatives, framed every year, with a member of the teaching staff, nominated by the Principal, in the office of the president. An Election Commission comprising of teachers and a Chairman (teachers) and appointed by the GB conducts the election. Nominations are invited and filled up within a specified date. After proper scrutiny, final date of election is announced and every regular student of the 1st and 2nd year classes exercises his / her franchise. Entire process is performed under vigilance of Election Commission and results declared after authorization of Principal.

The General Secretary of the Students' Union of which all students on roll are members, is an Ex-officio member of GB.

A. The constitution of SU is as follows :

(I) President – A faculty member as the representative of the Principal

(II) Vice President – Student Member

(III) General Secretary - Student Member

(IV) Assistant General Secretary - Student Member

(V) Different Committees'

1. Cultural Committee – 2 Joint Convenors and 7 / 8 members
2. Magazine Committee - 2 Joint Convenors and 7 / 8 members
3. Canteen Committee - 2 Joint Convenors and 7 / 8 members
4. Common Room Committee - 2 Joint Convenors and 7 / 8 members
5. Ladies Common Room Committee - 2 Joint Convenors and 5 / 6 female students
6. Games Committee - 2 Joint Convenors and 7 / 8 members
7. Library Committee - 2 Joint Convenors and 7 / 8 members
8. Academic Committee - 2 Joint Convenors and 7 / 8 members
9. Science Awareness Committee - 2 Joint Convenors and 7 / 8 members

(VI) All sections have 2 / 3 Class Representatives, presently totalling to 37.

B. Major Activities of Students' Union:

Activities of Students' Union (VCSU) are multifarious and ranges within academic, cultural, developmental, social and cultural benefits of all sections of students and the Institution in particular.

- GS is ex-officio member of the GB
- GS and / or other members are representatives to all Committees and Sub-committees of the institution
- They look after overall welfare of students and help the Institution to track and recommend needy students eligible for endowments / freeships / fee concessions towards Students Welfare Sub-committee

- Organize Freshers / Social / Student picnics
- NCC / NSS participation
- Look after sports and recreational facilities, including indoor and outdoor sports activities.
- Organize and form teams to participate in inter-college sports and cultural events and CAB / CU Sports Board Competitions
- Publish annual college magazine, quarterly news bulletin (ANGAN), Wall Magazines.
- Operate a Science Club and Cine Club (both newly formed)
- Control and monitor operation of Students Cheap Store
- Operate Students Health Centre
- Maintenance of Students Common Room
- Overall supervision of academic processes and progresses in the Institution.

C. Funding :

A fund is raised by collecting money from students as SU Fee and Athletic / Sports Fee (Rs. 60 of which Rs. 20 retained by College and Rs. 40 for CU Sports Board), at the time of admission.

This amount of money is maintained at a separate head and all expenses of SU are incurred from this head. Students place their demands for specific events and after proper verification, Principal disburses the amount. Students maintain their accounts and at the end of the session, they submit the details to the office and accounts are justified and verified.

5.3.5 Give details of the various academic and administrative bodies and their activities (academic and administrative), which have student representations on them.

Students have representations in all academic and administrative bodies of the college.

(A) Governing Body – General Secretary (GS) ex-officio member and participates and opines in all agenda discussed in GB.

(B) Finance committee – GS ex-officio member and participates in all agenda discussed in the meetings.

(C) Building Sub-committee – GS ex-officio member and participates in all agenda discussed in the meetings.

(D) Various sub-committees setup by Teachers Council – Student members are members of different sub-committees and participate in all agenda discussed in the meetings

Students' views as reflected through their participation are given importance.

5.3.6 Does the institution have a mechanism to seek and use data and feedback from its graduates and from employers, to improve the growth and development of the institution?

Certainly, the College utilizes feedbacks from out-going students and from employees in a generalized structure of response in terms of:

- present academic performance
- present infrastructural setup
- present teacher-student ratio and interaction
- suggestions for improvement of the above points

5.6 Best Practices in Student Support and Progression

5.6.1 Give details of institutional best practices towards Student Support and Progression?

- Regular classes & Laboratory work
- Tutorial Classes
- Improvement of infrastructure is continuous along with wide-range updating.
- Regular examination and discussion of the subjects / experiments with students.
- Maintaining of adequate strength of teachers and non-teaching staff
- Placement Cell has been set in motion
- Grievance Cell is Operative

CRITERION - VI

Governance & Leadership

6.1 Institutional Vision and Leadership

State the Vision and Mission statement of the institution and give details on how the institution.

The Vidyasagar College established as far back as in 1872 by Pundit Iswar Chandra Vidyasagar has a clear vision for development of higher education and for development of a healthy social attitude of the students. The College strives, within the financial constraints it has perforce to operate in, to deal with the syllabi and curricula in a scientific manner so that the students benefit from the most appropriate teaching methods that the College asks its faculty to put to practice.

a. Ensures that the vision and mission of the institution is in tune with the objectives of the Higher Education policies of the Nation?

The College is aware of the goals set nationally for the development of higher education.

It works towards fulfilment of the goals in three ways:

1. The curricula and syllabi of the Calcutta University are strictly adhered to and teaching methods adopted to suit the best application of the criteria set forth by the CU.
2. Apart from the confines of the curricula on the syllabi, students are inculcated with in classroom environment and in tutorial classes; the need for an ever-larger body of qualified students for the development of the nation in a multi-tiered and multifarious way.
3. Students are convinced of the idea that they form the qualified pool of human resources who are expected to be in the forefront of nation building in various capacities.

Such notions as democracy, secularism, and socialism as enshrined in the Constitution are inculcated in them.

b. Translates its vision statement into its activities?

The vision statement is converted into practical application-based *mores* through appropriate references made while dealing with the syllabi and the curricula. To take but a single, if relevant example, the students and teachers as well as educational employees are always tutored on the notion of national integration, national unity, national development, and are made to realise education, especially higher plays a very significant role in the greater task of educating the people at large amongst the various sections of the society.

c. Enumerate the Management's commitment, leadership-role and involvement for effective and efficient transaction of the teaching-learning processes.

The management comprises the Governing Body with the Principal as the secretary to the Governing Body (ex-officio) and as the President of the Teachers' Council plays a key role in this regard. He leads from the front in all matters touching the management of the institution. He oversees the process of teaching learning in the following ways.

The principal looks closely at the progress made by students as well as teachers in equipping themselves with the knowledge base prescribed in the syllabi and beyond, with close interaction with the people towards participating in the process of social development, as has been detailed in the section dealing with Criterion VII below. The teachers are rigorously made to undertake self-study, and to participate in the various refreshers and orientation courses that the Calcutta University and other University offer. Research works are regularly undertaken by the teaching staff for higher degrees or

simply for the merit of the expected thesis. The Non teaching staff are overseen by the Principal in terms of their fulfilment of the task-based schedules expected of them in the matter of advancement of a skilful management of the college administration.

The Principal also makes it a point to interact with the students, the teachers, and the Non teaching staff singly and as a group at regular intervals to nip in the bud any prospect of a problem developing.

6.1.3 How does the management and the Head of the institution ensure that responsibilities are defined and communicated to the staff of the institution?

As enumerated above, the principal holds regular meetings with the students, singly and in groups. He interacts with the students' union (of which he is the president), has meetings with teachers, and with Non teaching staffs to communicate to them at regular intervals (over and above meetings held at short-notice on matters of emergency). The principal takes account of the chart of progress made, and speaks to them of the tasks ahead. There are specific occasions where written feedbacks are received by the principal, either submitted *suo motu* by the staff (teachers, and employees) and students, or based on specific queries / questionnaires.

6.1.4 How does the Management/Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the management, to review the activities of the institution?

As enumerated above, feedbacks are received either verbally or in written form covering almost every aspect of the functioning of the college from the students, teachers, and the Non teaching staffs by the Principal. He acts on them after going carefully through the

merits of the matters submitted. The follow up is made inevitable by person-to-person communications towards resolution of the issues raised.

6.1.5 How does the management encourage and support involvement of the staff for improvement of the effectiveness and efficiency of the institutional processes?

As pointed out above, the principal regularly has meetings with the students, teachers, and educational employees, certainly not allowing a week to pass by without such formal and rigorous interactions being held. Here, he reviews the work progress made, calling upon the staff to submit their views, outlook, and suggestions to him in verbal but more frequently in organised written form. These then are acted suitably upon and the staff kept informed of the progress made in the next round of participatory meetings.

6.1.6 Describe the leadership role of the Head of the institution, in governance and management of the institution.

The principal exerts control, but in a friendly environment. He leads in the manner of a coadjutant, never over-asserting his control. At the same time, he is always on hand to monitor the day-to-day, as well as the long-terms activities of the college. He is open minded and the staff and students do not hesitate to take to him problems that they face, even problems of a personal nature involving activities concerning the imparting of lessons, learning of lessons, and the general management involving the college.

The principal is in constant touch with the Governing Body, The Teachers' Council, the Sikha Karmi union and the Students' Union and remains in college throughout the office hours, very frequently coming in an hour before scheduled time and then staying on even after the college hours. He makes regular, often surprise, visits to the laboratories, the library, and to the classrooms. An errant teacher, student or an educational employee

once identified is gently spoken to towards redress of the fault or error that may have been committed.

6.2 Organizational Arrangements

6.2.1 Give the organizational structure and details of the academic and administrative bodies of the institution. Give details of the meetings held, and the decisions taken by these bodies, regarding finance, infrastructure, faculty recruitment, performance evaluation of teaching and non-teaching staff, research and extension activities, linkages and examinations held during the last two years.

The College has the following administrative and academic bodies.

- a. Governing Body comprises representation of teachers, Non Teaching Staffs, Students' Union, State Government's nominees, Calcutta University's nominees, the local councillor of which Principal is the ex-officio secretary (Statutory body)
- b. Teachers' council of which the Principal is the President (Statutory body)
- c. Students' Union (Statutory body)
- d. Finance Committee (Statutory body) : Members are all internal GB members (teaching and non-teaching), external GB member and Govt. nominee, external GB member and CU nominee, general secretary to Students' Union of which Principal is Chairman.
- e. Various sub-committees set up by the Teachers' Council and underwritten by the principal (Table 6.1)
- f. Building Committee: Same constitution as Finance committee, including local councillor.

6.2.2 To what extent is the administration decentralized? How does the institution collaborate with different sections/departments and personnel of the institution to improve the quality of its educational provisions?

The administration is widely decentralised. The teachers' council and the educational employees' body as well as the students' union discharge many responsibilities in their respective fields. The activities if these bodies are coordinated by the principal and the Governing Body and interventions are made in very exceptional emergent cases. Close day-to-day contact is kept by the Principal with the heads of departments and with senior members of the educational employees holding such posts of importance as those of head clerk, cashier, accountant etc. Through verbal discussions and via exchange of written notes, the educational ambience of the college is improved constantly.

6.2.3 Does the institution have effective internal coordination and monitoring mechanisms? If yes, specify.

The college does possess a mechanism to improve internal coordination and monitoring. The mechanism comprises weekly meetings and strong check up in the time between the two rounds of meetings. The meetings are held with the heads of departments, with educational employees holding leadership posts, And with representatives of the students.

6.2.4 Does the institution have a Grievance Redressal Cell for its employees? If yes, what are its functions? List the number of grievances redressed during the last two years.

The college has a grievance cell for students which also acts to counsel students who may face various forms of hurdles, difficulties, and problems. The grievances of the staff are ameliorated by the principal, acting either alone or in conjunction with senior teachers. Complex problems involving the teaching staff and the non teaching staff are sometimes taken to the level of the Governing Body for resolution in an ambience of camaraderie and friendship.

6.2.5 How many times does the management meet the staff in an academic year? What are the major issues discussed during the last meeting?

The management as represented by the Principal has a regular monthly meeting with the teaching staff. Issues under discussion are academics, welfare, and improvement of management of resources available with the college.

6.2.6 Is there a Cell to prevent sexual harassment of women staff? How effective is the functioning of the Cell?

There is no cell as such on prevention of sexual harassment of the staff. The college is proud of the fact that such cases have never happened in our college. In future, as the college grows and new buildings start to be inhabited by the college, it may think positively in terms of setting up such a specific grievance cell.

6.3. Strategy Development and Deployment

6.3.1 Describe the procedure of developing the perspective institutional plan. How are the Teachers, Students and Administrators involved in the planning process?

The perspective institutional plan is of two sorts: short term, and long term. The Principal and the Governing Body with participation of the bursar and the finance sub-committee take the help of the accountant to find out the resources available on a short-term long-term basis. The developmental plan is based on the sure sources of income the prime factor in which is the students' admission fees. Other sources of income are in the form of assistance from the Calcutta University and the Higher education department of the Government of West Bengal. Once the resources are identified, the teachers, students, and the educational employees are asked to submit the plans that they, in the meanwhile, have drawn up for the development of the academia of the college. The heads usually comprise books, instruments, infrastructure, building expansions, building renovations,

educational tours, research facilities, payment of salaries of part-time teachers, and research work plus research facilities.

6.3.2 How are the objectives communicated and deployed to all levels, to ensure individual employee's contribution for the institutional development?

The perspective plan is circulated among the individual employees and feedbacks asked thereon. It has been the general experience of this college that the members of the staff do not need coaxing in any manner to come forth with their willingness to participate in the execution of the perspective plans for the development of the College.

6.3.3 List the different committees constituted for the management of different institutional activities? Give details of the meetings held and the decisions taken, regarding academic management, finance, infrastructure, faculty, research, extension and linkages, and examinations held during the last two years.

The principal committees are given in **Table 6.1**.

Table 6.1 - List of Principal Committees

Academic Subcommittee Ishita Chakraborty (c) Arunabha Mishra Abhijit Lahiri Soumen Sarkar Sumita Chatterjee Paramita Sikdar Gobinda Ch. Sadhukhan Sushil Kr. Sarkar Anindita Ghosh Secretary T.C. Convener Exam Committee Convener Routine Committee	Cultural/Farewell Subcommittee Swati Moitra Sen (c) Runa Roy Sukriti Lahiri Pijush Banerjee Sushanta Sarkar Sabitri Tah Sankar Roy Choudhury Sukanya Bhattacharya Sumita Chatterjee Sudipa Bandyopadhyay *	NSS Jhuma Halder (c) Madhumita Mitra Anindita Ghosh (c) Nirmalendu Mukhoti	Library Subcommittee Raja Biswas (Jt. C) Sikha Chatterjee (Jt. C) Sukriti Lahiri Nirmal Debnath Partha Chatterjee Sushil Kr. Sarkar Purnima Chakraborty Aindrita Chatterjee Sudipa Bandyopadhyay	Tour Subcommittee Ujjam Mukherjee (C) Harish Sarkar Upal Dutta Gupta Soumen Sarkar Pijush Banerjee Sudarshan Maji
Examination Subcommittee Amit Pal (Jt. C) Debisri Datta (Jt. C) Sanjoy Kr. Bhattacharjee Aindrita Chatterjee Sabitri Tah Ranjit Shit Chirita Choudhury Madhumita Mitra Jayanta Sen	Prize & Award Subcommittee Shila Roy (Jt. C) Sukanya Dasgupta (Jt. C) Dipanwita Chakraborty Tapas Kr. Roy Sharmila Bhattacharya Chandana Sarkar Sudarshan Maji	NCC Indrani Sarkar Saugata Bhattacharya	Students' Welfare Subcommittee Chirita Choudhury (C) Mridula Basu Swati Moitra Sen Purnima Chakraborty Dipanwita Chakraborty Archana Kr. De - Sukla Bagchi Sudipa Bandyopadhyay *	Admission Subcommittee Abhijit Lahiri Arunabha Misra Jayanta Sen Anindita Ghosh Soumen Sarkar Chandana Sarkar Pijush Banerjee Ranjit Shit Manmatha Jana Aloke Ghosh Choudhury Indrani Sarkar Sushmita Das
Routine Subcommittee Nirmalendu Mukhoti (C) Uma Bhaumik Chandana Sarkar Sohini Ghosh Bhaswati Chatterjee Sudipa Bandyopadhyay Jayati Mal Tapan Lahiri Krishna Mitra	T.C. Journal Aloke Ghosh Choudhury (Jt. C) Jyotirmoy Mukhopadhyay (Jt. C) Sanjoy Kr Bhattacharya Upal Duttagupta	Magazine Subcommittee Jiban Mukhopadhyay (C) Prasanta Banerjee Indrani Sengupta Jayanti Bhattacharya Partha Chatterjee	SC/ST Cell Sushmita Das (C) Nirmal Debnath Jhuma Halder Manmatha Jana Tapan Mondal Indrani Sarkar *	

Table : 6.1 Dates of meetings of different Sub-committees in last 2 years			
Committees & Sub-committees	Dates		Important Decisions
	2007	2006	
Finance Committee	03.01.2007 23.03.2007 07.06.2007 16.08.2007 19.09.2007 28.11.2007	20.03.2006 30.05.2006 30.06.2006 18.08.2006 22.08.2006 20.09.2006 06.12.2006	1. Purchases of different Departments and College 2. Expenditure towards Bidhan Sarani Campus renovation. 3. Expenditure towards construction of New Campus. 4. Remuneration of contractual teachers and non-teaching staff. 5. PG expenditure and fee structure. 6. Enhancement/alteration of fee structure 7. Preparation of Budget 8. Audit Report
	2008	2007	
Building Committee	05.03.2008	17.01.2007 19.03.2007 14.08.2007	1. Renovation of Bidhan Sarani & Sankar Ghosh Lane Campus 2. Construction of Bidhan Nagar Campus 3. Renovation of College Gymnasium 4. Electrical work and Toilet renovation of Bidhan Sarani Campus 5. Installation of Aqua guard for drinking water at various sites. 6. Construction of Seminar Room , Classrooms and Departmental space 7. Creating facilities for PG teaching in Zoology.
	2007	2006	Important Decisions
Examination sub-committee	14.03.2007 13.04.2007 14.08.2007 19.12.2007	30.03.2006 03.12.2006	1. Scheduling of College tests, periodicals and examinations. 2. Management proceedings of University of Calcutta examinations. 3. Selection and appointment of invigilators in college examinations. 4. Selection and appointment of daily In-charge for college examinations. 5. Compilation of college results.

Teachers' Council	<u>2006</u>		
	<u>Agenda</u>		
	22.01.2007- Discussion about (1+1+1) Examination system under CU, Academic affairs, Progress of construction work at Salt lake campus, NAAC.		
	28.02.2007- Farewell to Sri Bhaskar Ghosh, ex-teacher-in-charge, on retirement, Felicitation to ex- teachers Sri Sandip Jana and Sri Amit Kundu.		
	10.04.2007- Emergency meeting to discuss about grievance redressed by one lady faculty.		
	13.04.2007- Special meeting for NAAC		
	15.05.2007- Academic affairs of the college, room allotment for different departments at Bidhan Sarani Campus, progress of NAAC.		
	03.09.2007- Constitution of Election Commission for students, selecting members for PF sub-committee.		
	10.09.2007- Selection of Teachers' Council Secretary for the 2007-2008 session.		
	04.10.2007- Formation of different sub-committees, room allotment for different departments at Bidhan Sarani Campus, status report of construction at Salt Lake campus, NAAC status.		
	30.11.2007- Farewell to Dr Sadhugopal Dhali and Sri Somnath Raha on retirement.		
	<u>2007</u>		
	31.01.2006- Farewell to Dr Samarendralal Sarkar and Sri Pradip Bhattacharya on retirement		
	28.02.2006- Farewell to Dr Madhusudan De on retirement		
	16.03.2006- Academic affairs of the college (examination, attendance etc), room allotment for different departments at Bidhan Sarani Campus.		
	04.05.2006- Retirement of Dr Sulapani Bhattacharya from college		
	29.08.2006- Discussion regarding class, examination etc, Renovation of hostel Building.		
	21.09.2006- Selection of Teachers' Council Secretary for the 2006-2007 session.		
	30.11.2006- Formation of different sub-committees, Discussion about academic affairs, advancement of construction work at Salt Lake campus, planning about restructuring Bidhan Sarani Campus.		
	2007	2006	
Academic sub-committee	13.02.2007 12.06.2007		Students' attendance, College and University of Calcutta results, Review of results, steps to be taken department wise for betterment of results, teaching and working days, Part-time and Contractual teacher appointment, discussion about ad hoc academic proposals.

6.3.4 Has the institution an MIS in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution?

The College has a central information system where the data on academic and management affairs including feedbacks and actions taken thereon are collated and integrated.

6.3.5 Does the institution use the various data and information obtained from the feedback, in decision-making and performance improvement? If yes, give details.

Certainly, the data stored is utilised to such purposes as

- Academic improvement through developmental and rectification measures.
- Improvement of internal communication amongst the faculty and with the staff and students.
- Individual attention to the problems faced by the students and the staff.
- Financial management improvement.
- Developmental plans and application of plan measures.
- Review of activities and drawing of vital lessons for future progress.
- The principal makes a series of regular-interval checks on the progress or otherwise being made as per the directions issued based on the data gathered and analysed.
- Whenever it is felt that null progress is being made, necessary countermeasures are initiated in consultation with the concerned bodies of the College and keeping the Governing Body appropriately informed.
- Sources of the feedbacks are never allowed to run dry. When feed-back does not come at regular intervals, the principal inquires into the issues involved and ensures that the flow of feed-backs regain their expected rhythm.

6.3.6 What are the institution's initiatives for promoting co-operation, sharing of knowledge, innovations and empowerment of the faculty? (Skill sharing across departments, creating/providing conducive environment, etc.)

The College has always been actively encouraging cross-fertilisation of knowledge across the board. Cooperation takes place in an all-out way amongst the faculties of science and humanities departments, and with participation of students and educational employees where appropriate. The forms of such cooperation and knowledge sharing can be thus summarised.

- In the science departments, the common domains of experiments and field research are cross-fertilised to arrive at precise results. Similar efforts are organised in research work going in these departments, whether it is physical science or biological science
- Similarly, in the humanities departments, sharing of knowledge, employment of innovating skills of teaching-learning, and sharing of the basic principles and facts involved in ongoing and past research works are collaborated to heighten the knowledge-base of both the faculties and of the students
- Close cooperation is organised between the science and the humanities departments in the areas of both research and teaching-learning experience.
- At all levels, the college under the guiding hand of the principal, as the leader, seeks to involve the students.
- Inter-departmental and inter-syllabi discussion sessions, regular classes, and experiments are organised to help the improvement of the faculties, as well as of the students.

- The process has yielded good dividends, as the results of the university-level examinations as well as the standard of research work of the faculty will trend to show clearly
- For the teachers and students alike, the cooperation and skill-sharing has improved perceptively the academic environs of the college.
- Seminars are regularly organized by both humanities and Science departments inviting resource persons from various institutes of National importance. (Botany, Zoology, Physics, Computer Science, Journalism, Bengali, English and Political Science Departments together have been sanctioned Rs. 3,65,000/- towards organizing seminars.)

6.4 Human Resource Management

6.4.1 What are the mechanisms for performance assessment (teaching, research, service) of faculty and staff? (Self-appraisal method, comprehensive evaluation by students and peers). Does the institution use the evaluations to improve teaching/research of the faculty and service of the faculty by other staff? If yes, how?

There is a comprehensive system of assessment of performance of the faculty in areas of teaching, research, and service. Each member of the faculty is required under concerned regulations of the UGC and the Calcutta University a detailed description and analysis of his / her performance over an academic year.

- The areas covered include not merely the classes allotted / taken and this is the bare minimum of the facts that a teacher has to submit among other, more, knowledge-relevant facts.
- The latter regime include topics covered, syllabus assignment completed (if not, then the reasons for such failures), self-assessment of the quality of lectures, teaching-aid materials used, feed-backs of students on lectures delivered, experiments conducted,

field trips undertaken, and finally a general summation of the concerned faculty member of success / failure in areas that have to be specifically marked out.

- While there is no written form for peer assessment, each member of the faculty has his / her report discussed in the department with the leadership-level participation of the heads of the departments.
- At the end of each academic year, students fill in a detailed form as per UGC norms of teacher assessment. They are asked to grade the teachers, jointly and severally, and the grades are then communicated to the teachers.
- The principal whenever necessary intervenes and calls in the teachers singly or as a department, to discuss both the self-assessment reports and the assessment of the students for finding ways and means of further improvement of the teaching-learning process.
- The entire exercise is devoid of acrimony and unpleasantness and the principal ensures that the faculty is convinced that the exercise is aimed at better teaching and better learning.
- The assessments are checked by the principal from academic year to academic year to assess the improvements made or otherwise. He meets the faculty both to congratulate on their performance-enhancement efforts and to guide them when the grades fall off or the students' assessment and the self-assessment have yawning gaps of cognisance.

6.4.2 What are the welfare measures for the staff and faculty? (mention only those which affect and improve staff well-being, satisfaction and motivation)

Welfare measures for the faculty and the educational employees, other than those stipulated by the state government like PF, gratuity, pension, promotion, increment, DA and related financial benefits, both in-service and post-retirement include:

- Medical fund commonly pooled affords the teachers and educational employees a relief from anxiety in cases of serious illness.
- Regular payment of salary and benefits on the first of each month is another source of satisfaction.
- Regularisation of leave benefits helps the teacher to undertake research work or career advancement programmes.
- Fixation of salary and regular payment of increments plus maintenance of Service Books for teachers and staff is another source of motivation for them.
- Loan from the cooperative society (at lower-than-market interest rates) and from the PF (at no interest) is an incentive to the teachers and staff

6.4.3 What are the strategies and implementation plans of the institution, to recruit and retain faculty and other staff who have the desired qualifications, knowledge and skills?

The recruitment of teachers on regularised lien-free and lien posts is handled entirely by the state college service commission with which the college places its requirements.

6.4.4 What are the criteria for employing part-time/adhoc faculty? How are the recruitment conditions of part-time/adhoc faculty different from that of the regular faculty? (Eg. salary structure, workload, specialisations).

Qualified teachers for whom the college bears the salary and benefits and are employed as contractual or part-time faculty and are selected strictly on the basis of merit with an

eye open for recruitment from the backward sections of the society including SC / ST, OBC, and *dalits*, and physically challenged.

- These posts are filled following responses to advertisements placed in the media and scrutiny of the applications. Qualified panels of teachers are engaged including CU nominees, on the panel to select the faculty for these posts.
- The selection criteria follows the norms set by the State Government through the college service commission
- The part-time and on-contract faculty are expected to take at least 10 classes per week as compared to 20+ classes that the regular faculty take
- When recruiting such teachers, note is taken of the area of specialisation as befits the needs of the college in the concerned department / faculty
- The salary structure follows the direction of the state government

6.4.5 What are the policies, resources and practices of the institution that support and ensure the professional development of the faculty? (Eg. budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations).

Every year, the plan budget of the college allocates adequate amounts for staff development in the forms of

- Advanced study
- Research
- Participations in and organisation of national / International seminars / conventions / symposia / workshops
- Membership of professional academic institutions
- Membership of professional national and international journals

- Membership of professional associations

6.4.6 How do you assess the needs of the faculty development? Has the institution conducted any staff development programmes for skill up-gradation and training of the staff? If yes, give details.

The principal oversees the course of academic development of the college in his leadership capacity.

- The members of the staff are regularly, compulsorily in some instances, send out to attend and participate in refresher courses, orientation courses, lectures, demonstrations, and field trips.
- The upgradation of teaching / leadership /management skills thus acquired are reviewed by the faculty with the participation of the heads of the departments and in the presence of the principal

6.4.7 What are the facilities provided to faculty? (Well-maintained and functional office, infrastructure and other space to carry out their work effectively etc.,)

The facilities provided to the faculty are

- A well-maintained environment of classrooms
- Fully equipped modern laboratories
- Space for each department
- Personal computers in instances where large amount of research as well as written and computational work is done
- Access to the Internet
- A well-run office facility
- Two large buildings that house the college with a third campus at Salt lake coming up fast at a prime location of access

6.5 Financial Management and Resource Mobilisation

6.5.1 Does the institution get financial support from the Government? If yes, mention the grants received in the last three years under different heads. If no, give details of the sources of revenue and income generated during the last three years?

The institution does receive financial support from the Government. With the implementation of the West Bengal College Ordinance Act, 1978 (Payment & Salary), the college started availing of the benefits of Pay-Packet from the Government. The institution also gets financial support from UGC in different Plan-periods towards books, equipments, minor research, extension, infrastructure etc.

The grants received as Pay-packet from State Government and UGC (Xth Plan Period) in last 3 years is provided in Table 6.3

Table 6.3 : Grants received from Governmental Sources in last 3 years			
Source \ Years	2004 – 2005	2005 – 2006	2006 - 2007
State Govt. Pay-Packet	2,56,99,723.00	2,61,60,195.00	2,50,14,650.00
UGC X th Plan Share	6,73,378.00	1,35,000.00	4,35,88.00
Note : 1. The College has already received an amount of Rs. 2,08,080 from UGC as grant-in-aid during 2007 – 08 in December 2007, from XI th Plan.			

6.5.2 What is the quantum of resources mobilized through donations? Give information for the last two years.

It is an age-old tradition of this 136 year old institution to mobilize donations from beneficiaries and stakeholders. Apart from the endowments and scholarships, the quantum of resources mobilized by college through donations is put forward in the following Table 6.4

Table 6.4 : Donations received is last 2 years		
Source \ Years	2005 – 2006	2006 – 2007
MP LAD (Sri Jibon Roy)	15,00,000.00	-
Othe Stakeholders	1,45,184.00	7,62,333.00
TOTAL	16,45,184.00	7,62,333.00

The Institution received MP LAD donation, form the Honourable Member of Parliament, Sri Jibon Roy. The amount received is being utilized for the construction of the 3rd campus at Bidhan Nagar. The College has taken further initiatives to avail further donations from the local MLA / MP for infrastructural renovations of Bidhan Sarani Campus and construction of Bidhan Nagar Campus. An appeal has already been put forward to the concerned beneficiaries in this regard.

6.5.3 Is there adequate budget to cover the day-to-day expenses? If no, how is the deficit met?

Yes, certainly. The day-to-day expenses are met through the mobilization of ‘Annual Income and Revenue’ towards and from the ‘General Fund’, which is in a floating condition. The Bursar, Accountant and other competent employees of the College Administrative Office meticulously check the accounts and purchase / expenditure procedures with optimum efficiency, abiding by the College ‘Financial Management Rules’ set up by the *Finance Committee* with approval of the Governing Body. There are also Reserve Funds and Separate Funds to meet the deficit if such occurs. The employees of this college receive their salary on the 1st day of every month, and be it a holiday, on the last day of the previous month. If there is a delay in disbursement of Pay-Packet, the financial management of the college ensures advance payment of salary to all its employees from the Reserve fund.

The Principal, Bursar, Accountant and Finance Committee keep a watchful eye on the Budget and day-to-day expenditure. There is a ‘Reserve fund’ and also ‘separate funds’ (as shown in income expenditure statements, Table 6.5 and 6.6). Expenditure with respect to these funds and meted out from these funds. The surplus income, if any is distributed

into the different funds and Reserve Fund and proportionate share to each fund is followed from formulations made by Governing Body, for future use towards different heads.

6.5.4 What are the budgetary resources to fulfil the institution's mission and offer quality programmes? (Budget allocations over the past two years (provide income expenditure statements))

- To fulfil the Institution's mission and to enhance quality programmes, the college generates and mobilizes its budgetary resources from fees, donations, state government grants, UGC grants etc. Research projects have also played an important role to some extent towards this mechanism. From these incomes, the college has been able to generate funds for different quality academic, administrative and social purposes as well as has been able to cover its day-to-day expenses.
- During the past 2 years, the Institution has gone through a transitional phase to meet its paucity of space required for academic process, its enhancement and quality programmes. Meeting infrastructural development has been possible from donations, self-financing courses and autonomous post graduate courses.
- The Institution has generated funds over a long period of time through meticulous planning towards development and this has enabled the Institution in the infrastructural, administrative, academic development as well as meeting socio-cultural and economic needs of the students, during the last 2 years. This meticulous planning has helped the Institution to proceed towards massive infrastructural development without facing a financial crunch.

- The Institution has been able to spend quite a large amount of money on ICT development, implementing computer awareness programme with a nominal fee from students and help from Vidyasagar College Computer Centre.
- Students Aid Fund, Welfare Endowments provided to Institution by its esteemed beneficiaries provides free-ships, scholarships and prizes to meritorious students. These funds and endowments has helped the Institution to fulfil its mission.
- Donations from Stakeholders are also a budgetary resource to fulfil the Institution's mission (Table 6.4)
- The policy of optimum utilization of income and expenditure based on budget allocations guided the Institution to proceed towards future developmental programmes.
- Average utilization of Annual allocation of funds is over 75 % and ratio of maintenance expenditure to total annual budget is 5 % during last 2 years.

It may be humbly added that all resources are optimally utilized and developmental targets attained with all sincerity and dedication, with a mass participation of all category of members of the Institution.

Table 6.5 : Income-Expenditure Statement of 2005 – 2006

Table 6.6 : Income-Expenditure Statement of 2006 – 2007

Table 6.7 : Budget for 2007 – 08

(Note : Budget for 2005 – 2006 and 2006 – 2007 has not been provided, since they have already been audited).

Table 6.5 : Income-Expenditure Statement of 2005 – 2006			
PART – I		PART – I	
Income Head	Rs.	Expenditure Head	Rs.
1. Tuition fees	1855365	1. Examination	23490.15
2. Admission charges	150515	2. Equipment	44375.00
3. Transfer fees	6395	3. Printing Stationary	134935.15
4. Electric fees	112450	4. Contingency	49385.00
5. Examination fees	45080	5. Postage	2415.00
6. Miscellaneous fees	3795	6. Travelling expenses	22678.00
7. Searching fees	2555	7. Casual charges payment	12558.00
8. Course fees	256580	8. WBCUTA conference	500.00
9. Laboratory fees	336870	9. Excursion / Study Tour	45000.00
10. Casual charges	44980	10. Seminar	12052.00
11. Form processing charges	38068	11. Admission Board	22353.00
12. C.U. form processing charges	300	12. Audit fees	5693.00
13. Library charges	22510	13. Full Time teacher remuneration	81477.00
14. Enlistment / Renewal Charges	4400	14. Part Time teacher remuneration	318000.00
15. CCAC fees	57810	15. Casual non- teaching remuneration	160040.00
16. Administrative fees	256580	16. Telephone charges	32881.00
TOTAL	29,94,926	17. Bank charges	11318.00
PART - II		18. BCTT	1643.00
1. Sale of Admission forms	200020	19. Interest payment on cash Credit A/C	51080.00
2. Sale of subject change forms	98	20. CU Registration forms	8000.00
3. Sale of prospectus	215020	21. Computer maintenance	30572.00
4. Sale of fee books	9740	22. Advertisement	65553.00
5. Sale of identity cards	4590	23. Library Contingency	5229.00
6. Sale of old materials	2100	24. Service charges for security agency	66120.00
7. Sale of freeship forms	48	25. Prize distribution ceremony	7016.00
8. Sale of Registration forms	11370	26. Gas	9892.00
TOTAL	4,42,986	27. Furniture repair	21779.00
PART - III		28. Canteen subsidy	4400.00
1. Fine	6350	29. Legal expenses	3230.00
2. Caution money forfeiture	85125	30. Software expenses	18000.00
3. Breakage	11002	31. Meeting expenses	8863.50
4. Donation	145184	32. Insurance money in transit	440.00
5. Bank Interest	58200	TOTAL	1,28,967.80
6. Irregular Attendance	66789	PART – II (Laboratory Expenditure)	
7. Penalty	58200	1. Physics	17505.60
8. Examination correction and miscellaneous	66789	2. Chemistry	146093.62
9. Interest of common fund	504	3. Botany	63947.68
TOTAL	4,98,143	4. Zoology	4255.00
		5. Geography	9342.00
		6. Computer Science	22379.00
		7. Electronics	630.00

	8. Mathematics	2199.00
	9. Physiology	80038.00
	TOTAL	3,84,591.90
	Note : Expenditure towards Health Care Unit, Vidyasagar Anniversary and Saraswati Puja, SU, Athletic, Students Aid Fund, Building Maintenance (Common), Magazine, Students Health Home, Bidhan Sarani Campus Renovation, Saltlake Campus Renovation, Saltlake campus development, Niladri Fund have been done from Separate funds maintained for each.	

Table 6.6 : Income-Expenditure Statement of 2006 – 2007

PART – I		PART – I	
Income Head	Rs.	Expenditure Head	Rs.
1. Tuition fees	2387995	1. College Examination	36754
2. Admission charges	203905	2. Equipment	76440
3. Sale of Admission forms	273040	3. Contingency	46086
4. Course fees	728280	4. Conveyance	28742
5. Form processing fees	48238	5. Postage	3321
6. Transfer fees	4425	6. Computer maintenance	17426
7. Searching fees	3495	7. Part-time teachers	458000
8. Sale of fee books	7340	8. Contractual full time teachers	160000
9. Sale of ID card and fine	1551	9. Casual non-teaching staff	174000
10. Donation from Computer Centre	161453	10. Contract non-teaching staff	95521
11. Miscellaneous fees	1405	TOTAL	10,96,290
12. donation from teachers (125 th)	600879	PART – II (Departmental)	
13. Sale of prospectus	277650	1. Physics Apparatus	37498
TOTAL	46,99,656	Other Expenses	8714
PART – II		2. Chemistry Apparatus	11123
1. Lab Charges	423120	Chemicals	174195
2. Casual charges	54704	3. Mathematics	904
3. Irregular attendance fees	211100	4. Botany	32962
4. Caution money forfeiture	81675	5. Zoology	42169
5. Library Charges	24120	6. Geography	46010
6. Sale of old materials	5430	7. Physiology	29931
TOTAL	8,00,149	8. Computer Science Equipment	76300
PART – III		Other expenses	26378
1. Electric charges	173750	9. Journalism	42640
2. Administrative charges	47100	10. Electronics	2290
3. Examination fees	47420	TOTAL	5,31,114
4. External Examination fees	154431	PART - III	
5. Breakage	8960	1. Municipal Tax	287462
6. Bank Interest	172561	2. Printing Stationary	158230
7. Enlistment charges	3800	3. Library books	7832

TOTAL	6,08,022	4. Library contingency	5025
	5. Audit fee	7951	
	6. Advertisement	20120	
	7. Legal expenses	11650	
	8. Bank charges	10116	
	9. BCTT	2707	
	10. Excursion / Study Tour	42400	
	11. Seminar expenditure	10975	
	12. Electric expenses (m+b)	202535	
	13. Furniture repair	5192	
	14. Furniture purchase	78112	
	15. Fixture & fittings	7612	
	16. Telephone Bill	33277	
	17. WBCUTA	500	
	18. Meetings etc.	9236	
	19. Membership AUC	3000	
	20. Gas	7751	
	21. Medical expenses	1726	
	22. Admission Board	36332	
	23. Interest on cash credit	74428	
	24. Casual charges	11450	
	25. Security services	70732	
	TOTAL	11,07,260	
Expenditure from Different Funds			
	Name of Fund	Rs.	
	1. Health Care unit	18000	
	2. Vidyasagar Anniversary & Saraswati Puja	5473	
	3. SU	114028	
	4. Athletic	68003	
	5. NCC	0	
	6. Students Aid Fund	45955	
	7. Building Maintenance (Common)	77121	
	8. Magazine	1700	
	9. Students Health Home	11840	
	10. Bidhan Sarani Campus Renovation (development)	286911	
	11. Salt Lake Campus (Progress)	111250	
	12. Niladri Memorial Journal	4773	
	13. Post Graduation	398000	
	TOTAL	11,43,054	

VIDYASAGAR COLLEGE

BUDGET, 2007 – 2008

Name of the accounts Head Income	Proposed Income	Name of the accounts Head Expenditure	Proposed Expenditure
Part - I		Part: I	
1. Tuition fees	2783000.00	1. College Exam	25000.00
2. Admission Charges	205000.00	2. Travelling exp.	25000.00
3. Sale of Ad. Forms	274000.00	3. Equipment	80000.00
4. Sale of Prospectus	278000.00	4. Contingency	50000.00
5. Course Fee	800000.00	5. Meeting	10000.00
6. Form Processing	49000.00	6. Municipal Tax	10000.00
7. Transfer fees	5000.00	7. Postage	3000.00
8. Searching fees	4000.00	8. Comp. Maintenance	35500.00
9. Sale of fee books	8000.00	TOTAL:	238500.00
10. Fine books & ID Cards	2000.00	Part: II	
11. Donation from Comp. centre	162000.00	1. Physics	20000.00
12. Misc. fees	1500.00	2. Chemistry	148000.00
13. Sale of old materials.	5500.00	3. Botany	65000.00
14. Sale of freeship forms	14000.00	4. Zoology	65000.00
TOTAL:	4591000.00	5. Physiology	81000.00
Part: II		6. Comp. Science	25000.00
1. Lab Charges	424000.00	7. Geography	10000.00
2. Casual Charges	55000.00	8. Electronics	3000.00
3. Irregular atten. fees	212000.00	9. Journalism	45000.00
4. Caution money forfeiture	82000.00	10. Bio-Chem	30000.00
5. Lib. Charges	25000.00	11. Maths	2500.00
TOTAL:	798000.00	TOTAL:	494500.00
Part: III		Part: III	
1. Electric charges	174000.00	1. Printing stationary	135000.00
2. Admin. Charges	47500.00	2. Electric exp.	200000.00
3. Exam., Fees	48000.00	3. Teacher's con (WBCUTA)	1000.00
4. External exam	155000.00	4. Rem. Full time Teachers (Contractual)	150000.00
5. Breakage	9000.00	5. Part time teaching staff	400000.00
6. Bank Interest	173000.00	6. Casual NTS	176000.00
7. Enlistment Charges	3500.00	7. Contractual NTS	100000.00
8. C.C.A.C. Fees	38000.00	8. BCTT	2000.00
TOTAL:	648000.00	9. Int. payment on C.Credit	72000.00
		10. Lib. Cont.	6000.00
		11. Audit Fees	6000.00
		12. Security charges	70000.00
		13. Gas	10000.00
		14. Canteen Subsidy	5000.00
		15. Software/ICT	18000.00
		16. Advertisement	18000.00
		17. Seminars	13000.00
		18. Bank Charges	12000.00
		19. Excursion	45000.00
		20. Telephone Bill	35000.00
		21. Admission Board	25000.00
		22. Casual charges payment	13000.00
		23. Prize distribution	10000.00
		24. Legal exp.	10000.00
		25. Lib. Books	5000.00
		26. Furniture	80000.00
		27. Fixture fitting	60000.00
		28. Bidhan Sarani development (Development fund)	300000.00
		29. Insurance	500.00
		30. Building fund (New Campus)	3470000.00
		31. Misc	10000.00
		32. Common exp.	100000.00
		33. Free studentship	48000.00
		TOTAL:	5605500.00
		INCOME Part I + II + III = 6037000.00/-	
		EXPENDITURE Part I + II + III = 6338500.00/-	
		DEFICIT: 301500.00/-	

IMPORTANT NOTES:**A. Other Funds:**

1. Development fund
2. Magazine fund
3. Building maintenance fund
4. Student aid fund
5. Building fund new campus
6. SU Athletic, NCC, Fund
7. VA& Saraswatipuja fund
8. Prize and welfare fund.
9. Healthcare unit fund.
10. P.G fund
11. Reserve fund.

Related expenditure are made from these funds.

B. Fund transfer as per G.B resolution. (transfer from general fund to other fund)

- 1) To reserve fund: 50% admission fee, 50% transfer fee, 50% misc fee, 50% fine.
- 2) To development fund: 100% of admission form, prospectus, external examination, form processing fees, Bank interest of SB A/C, 80% of casual charges. and 100% of CCAC fees
- 3) Rs 100000/- yearly to common com.
- 4) To B.F New campus: 50% of tuition fee, 100% of donation from computer centre.

Comment: Annual deficit can be adjusted from the accumulated funds.

6.5.5 *Are the accounts audited regularly? If yes, give the details of internal and external audit procedures and the audit reports for last two years.*

Internal Audit: Yes. Internal Audit is preliminarily done by the Accountant and his office and Head clerk as office head. As per 1st statute of the University of Calcutta, the College has to select a BURSAR from among the senior members of the permanent teaching faculty who prepares the Budget and supervises and scrutinizes the day-to-day expenses.

In our Institution, the Bursar prepares the Annual Budget by estimating the Income-expenditure to be incurred from the actual Income-Expenditure accounts of the previous years. He also supervises the accounts carefully.

The 'Finance Committee' of the College is constituted by the Governing Body as per Statute of University of Calcutta and checks the procedure and convenes at least 5 meetings in a year. The financial matters are placed before the Governing Body, if any supreme decision is to be taken.

External Audit : Yes. External audit is done every year, by the Directorate of Public Institution (DPI), Higher Education, govt. of West Bengal nominated and appointed auditing firm, namely D. K. Tekriwal and Co, Chartered Accountants, E 12/6 Indraloke Estate, Paikpara, Kolkata – 700 002.

Addendum VI.1 : Audit Report for Post Graduation, 2005 – 2006

Addendum VI.2 : Audit Report for Post Graduation, 2006 – 2007

Addendum VI.3 : Audit Report for 2005 – 2006

Addendum VI.4 : Auditor's Certificate for 2006 – 2007

6.5.6 *Has the institution computerized its finance management systems? If yes, give details.*

The financial management system is presently partially computerized. Recently, software for financial database management and updating students' record has been installed from cybersoftec.com. The process of data entry and financial management is under progress. The college office maintains official ledger books and accounts parallel to computerized records, very efficiently.

At present, salary records, accounts, payslips, students financial records, Provident Fund records, Pay-packet calculations are all performed using the computerized database management system.

6.6 **Best Practices in Governance and Leadership**

6.6.1 *What are the significant best practices in Governance and Leadership carried out by the institution?*

The significant best practices of governance and leadership can be briefly summarised thus:

- The principal catering in close cooperation with the college committees, like the Governing Body the teachers' council, the committees set up by the principal, the educational employees' union, and the students' union supervises the daily functioning of the college
- The Principal takes a perspective look at plans and development towards growth of the academia of the college
- The Principal organises a hand-on rather than remote management style with help and assistance of the committees and the faculties

- The Principal keeps in close touch with the higher education department of the state government, the Calcutta University, and the UGC in matters pertaining to development and growth
- The Principal leads in resolving problems of the academy and of the administration through ameliorated discussion and multi-layered approach to the issue, making sure that controversies and conflict situations do not arise, and if they do, they are taken care of in the least possible aggressive manner.

CRITERION – VII

INNOVATIVE PRACTICES

7.1 Internal Quality Assurance System

What mechanisms have been developed by the institution for quality assurance within the existing academic and administrative systems?

In the task of internal quality assurance, the institution has carried out the following procedures:

Students

- Apart from periodical tests and college-leaving 'test' examinations, the College conducts class tests on a regular basis for all the streams and for all the years. Answer scripts are rigorously examined, then analysed, and the answers discussed with the students in the environment of the classroom, individually, and as a collective. Results are also discussed in the Academic subcommittee meetings and finally in the GB meetings.
- Class-level discussions and active students' participation in the student teacher interaction in the classes take place regularly. Lectures are supplanted by and complemented with inter-se discussions on the topics being taught. Question-and-answer sessions follow each lecture delivered.
- Library, laboratory, computers, Internet, and field work are always encouraged and the students given appropriate guidance.

Teachers

- Teachers are encouraged to update their knowledge base based on self-study through use of Library, laboratory, computers, Internet, and fieldwork.

- Teachers are also encouraged to take part in seminars, symposia, and academic as well as administrative conventions to upgrade their knowledge base and to improve their management skills in the college.
- The college administration encourages teachers to attend Orientation and Refresher courses, not only for career advancement but also to improve their knowledge skills (List of seminars attended by teachers in last 5 years)
- Regular parent-teacher meetings are held and the problems that come up are discussed and resolved as far as possible in an ameliorating manner.

7.1.2 What are the functions carried out by the above mechanisms in the quality enhancement of the institution?

The functions carried out by the students and teachers relate to academic excellence, discipline, and a general guidance towards facing life beyond college. For this, regular class attendance, regular appearance at the various examinations held, and participation in seminars and symposia either organised by the college or by related institutions on relevant topics are made compulsory. Teachers attend refresher courses and orientation courses and are encouraged to bring the knowledge base up-to-date through self-study and discussions amongst themselves.

Activities, in sum are:

- Classes
- Seminars
- Symposia
- Discussion sessions
- Library work
- Fieldwork

- Laboratory work
- Self-study
- Examinations
- Computer work including Internet

7.1.3 What role is played by students in assuring quality of education imparted by the institution?

Students take part under teachers' guidance in academic activities as detailed above. They are also encouraged to participate to community and social activities like taking part in the total literacy movement imparting education to neo-literates, blood donation camps etc., especially cleaning up drives, participating in the National Social Service initiatives.

7.1.4 What initiatives have been taken up by the institution to promote best practices in the institution? How does the institution ensure that the Best Practices have been internalized?

In the effort to promote Best Practices in the College, academic and administrative efforts are continuously made with two directives:

- Regular teaching and learning activities
- Regular extra-curricular activities
- Awards and prizes as incentives

7.1.5 In which way has the institution added value to the quality enhancement of students?

Value has been added to the students' performance through two methods

- Relating the syllabi and the curricula to the evolving reality around
- Teaching the students about the quality of life asking them to stress on academic achievement, on-the-job performance, functioning as individuals and as parts of an

integrated unit, family values, and to stay away from unsocial and unsavoury practices, in college and out of college.

7.2 **Inclusive Practices**

7.2.1 *What practices have been taken up by the institution to provide access to students from the following sections of the society:*

- a. *Socially-backward:* For the socially backward (including members of the SC, ST, and OBC/dalit families), the College has special financial aid packages that are supervised by a committee set up for the purpose. Applications are invited from socially backward students, and the awards are given with the important criteria of financial conditions kept in mind. Exceptions to this rule are made only for extremely meritorious cases for which the award will provide encouragement as well as financial help. The socially backward students are offered special help with their studies with special tutorial classes held for them. They are also provided with special assistance in field and laboratory work. Their progress is closely monitored and their parents/guardians kept appropriately informed of the progress being made by the wards.
- b. *Economically-weaker :* The above applies to the economically backward students as well. Additionally, regular medical check ups done for the students' health - to ensure that they do not suffer especially from nutrition-deficient diseases. Appropriate help is given in cases where such assistance is needed, on a personal basis by teachers and also college authorities if brought to notice of the authorities.
- c. *Differently-abled :* Same as above

7.2.2 What efforts have been made by the institution to recruit 1) Staff from the disadvantaged communities? Specify.

Staff recruitment is made strictly under relevant government circulars in the Higher Education department read with the relevant rules of the University of Calcutta and the UGC. The percentage of SC, ST, OBC/dalit have been earmarked in the rules, and the College never fails to abide by them in the case of both the teachers and the non teaching staff. We also give preference for a certain percentage of differently-abled and physically challenged applicants.

7.2.3 What special efforts are made to achieve gender balance amongst students and staff?

The college always encourages girl students to take admission in the college. We are to note that the girl students comprise about 43.1 % of studentship in arts and science streams at present and their number are growing even further. This is also true in the case of teachers in both the streams (50.72 %). The situation amongst the educational employees is that women are fewer in number as yet but with fresh recruitment we believe the present gender imbalance will be appropriately resolved in the days to come.

7.2.4 Has the institution done a gender audit and/or any gender-related sensitizing courses for the staff / students? Give details.

We do have arts and science syllabi where in the course of the main study our teachers tend to focus specifically in terms of gender-related themes wherever applicable. Should the Calcutta University introduce such gender audit and gender related sensitising courses, our College would be only too pleased to accommodate such endeavours.

7.2.5 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

Rural and tribal students are not lumped together. Rural students' needs are different from tribal students' requirements, even if the latter come from villages. For rural students, the disadvantage principally concerns coming to grips with both subject-related and language-focussed tasks where they are given special help. For tribal students, there is need for providing them with help to make them understand the city milieu and to participate in urban community lifestyle wherever they live in the metropolis or beyond.

7.2.6 Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

The institution as a routine task evaluates and records the academic and extra academic growth indicators of students irrespective of the background they represent. Special efforts are put in to ensure that those from disadvantaged sections of the society receives special notice, and a special note is made of their achievement or lack thereof. Adequate counter-measures are taken once the loci of their weaknesses are pinpointed either by providing them with merit cum means scholarships or individual help by teachers individually on a 1 : 1 basis.

7.2.7 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

Courses are given for inculcation of the ideas and practices of social justice for the teachers and the students. The educational employees have their own courses in this direction. The students, teachers, and educational employees mingle freely and interact

with the locality the College is situated in for non-invasive participation in social justice awareness programmes through public lectures and discussion sessions.

7.3 Stakeholder relationships

7.3.1 How does the institution involve all its stakeholders in planning, implementation and evaluation of the academic programmes?

The stakeholders are deeply involved in the planning, implementation of the academic programmes through a number of means.

- The College Governing Body as constituted under the democratic set up of the CU act of 1979, has representatives from the teachers, the students, the educational employees and nominees of the CU and the state government who represent the academia as well as the social milieu the College evolves in. Among other developmental and administrative agenda the Governing Body discusses and resolves on, academic matters certainly get a due share.
- The various departments under the leadership of the College Principal hold regular parent-teacher-students meeting to make appropriate awareness about the goals the college is in pursuit of in terms of planning, implementation, and evaluation of the academic programmes. Suggestions are received and appropriate actions are taken thereon.

7.3.2 How does the institution develop new programmes to create an overall climate conducive to learning?

In order to make learning more useful, the College organises educational tours and field trips for many science students. Lecture-demonstrations and audio-visual presentations are regularly made as part of the course content. Seminars and symposia are held in

College where students are encouraged to present papers/demonstrations. The students and teachers also go to other colleges/universities/institutions to take an active part in terms of presentations and interactive participation, as resource persons, Board of Studies members of CU, Guest Lecturers at other Colleges and Universities.

7.3.3 What are the key factors that attract students and stakeholders, to the institution and result in stakeholder satisfaction?

The factors in order of importance/relevance are:

- High academic standards of the class lectures and associated activities.
- High standards of the faculties.
- Excellent library.
- Excellent laboratories.
- A wide variety of arts and sciences subjects taught.
- Excellent consistent academic records in university and other examinations
- Creative recreational facilities including all kinds of outdoor and indoor sports, performing arts, debating *fora*.
- Low tuition fees with scholarships and free studentship in good numbers
- Financial help and assistance wherever found necessary
- Academic quietude in terms of lack of conflict-prone situations
- Reputation over decades and centuries (the College was founded in 1872 by Pundit Iswar Chandra Vidyasagar)
- It has two vibrant alumni associations – One operating since a long time, when the three Colleges (presently Vidyasagar College for Women and Vidyasagar Evening

College) had common administration and the second formed by the ex-students of the present Vidyasagar College.

7.3.4 How does the institution elicit the cooperation from all stakeholders to ensure overall development of the students, considering the curricular and co-curricular activities, research, community orientation and the personal / spiritual development of the students?

Cooperation is principally sought in terms of helping the College cope with the problems of growth through assistance in terms of advice, active participation in college programmes and in helping make the college financially even more able than it is now by donating scholarships, fellowships, and grants.

7.3.5 How do you anticipate public concerns in your current and future programme offerings and operations?

The Authority is of the strong conviction that the College in the years to come will be in need of lot of human resources and financial assistance with a new College campus coming up at Salt Lake. The Authority has plans to approach both the public and the private sector for grants and other forms of assistance including PR to help the College develop further as we go into the new century. The programmes include more courses, as well as special drives for bringing more and more students from backward communities, from rural areas and from disadvantaged sections. We also have plans for more job-oriented courses with prospects of campus screenings for employment of our students. The Authority shall organise initiatives in the media while looking to the state and union governments for guidance and assistance. Specifically we are in great need of an increased sanction of posts for teachers and for educational employees, and financial

assistance for our developmental programmes for the existing campus and the building coming up at Salt Lake.

7.3.6 How does the institution promote social responsibilities and citizenship roles among the students? Does it have any exclusive programme for the same?

We inculcate social leadership values amongst our students through teacher-student interactive sessions. We also have an elected students' union through which students develop their social leadership faculties and involve the students in the democratic procedures that our country has evolved over the years since gaining political independence in 1947. We are proud that we count among our former students' innumerable men and women of eminence including social interlocutors, members of legislative assemblies and parliaments and leaders of society.

7.3.7 What are the institutional efforts to bring in community-orientation in its activities?

The National Social Service unit of the College (which has a membership of 59 students in present academic session) serves as pathway through which our students mainly interact with their social environs. The process is also helped by the students' union, and above all, by the academic and instructional tours the teachers take the students along on a very regular basis.

7.3.8 How does your institution actively support and strengthen the neighbourhood communities? How do you identify community needs and determine areas of emphasis for organizational involvement and support?

Since the college is situated in the densely populated central Kolkata, it is exposed to a wide variety of social groups and classes inhabiting the area. The college principally aims to helping the uplift and development of the backward sections of society in this area of

the city where the general levels of income are low. Providing children with free tuition, collecting funds for the welfare of the poorer families and looking to their medical needs and emergencies are some of the inter-community activities through which our students, teachers, and educational employees interact with the society in our locale. Our stakeholders are also members of local community centres and clubs as well as associations of various kinds.

7.3.9 How do the faculty and students contribute in these activities?

The faculty and students contribute by physical participation in the daily activities of the locality as described above in 7.3.8

7.3.10 Describe how your institution determines student satisfaction, relative to academic benchmarks? Do you update the approach in view of the current and future educational needs and challenges?

College organizes regular anonymous feedbacks from students on academic standards of the college where they judge the standards and mark their grades of various stages of approval or lack thereof. College always updates the procedure as newer challenges come up. The questionnaires the students are asked to fill in are appropriately upgraded (10 point scale for teachers proposed by UGC is operational since 2003) to extract the maximum amount of feedback from them of academic performance of the college faculty.

7.3.11 How do you build relationships?

For attracting and retaining students:

- The College enhances and improves upon the academic and physical environment of the institution, adding newer courses, introducing newer laboratory facilities, making field trips wider in application.
- For enhancement of students' performance, the College introduces more course-oriented, and examination oriented classes, tutorials, more laboratory and library work, purchase of upgraded books and journals, making available more computers and Internet time for students and more field trips. The College is also engaged in constantly restructuring its mode of assessment of the strengths and overcome the weaknesses of students and strives to overcome the latter.
- The above procedure is combined with rigorous students' feedbacks to meet the students' expectations of learning in the College.

7.3.12 What is your complaint management process? How do you ensure that these complaints are resolved promptly and effectively? How are complaints aggregated and analyzed for use in the improvement of the organization, and for better stakeholder-relationship and satisfaction?

Students, complaints are received in verbal and written form by the heads of the departments and other teachers, as the case might be, and forwarded for consideration of the principal of the college. The principal goes deep into the dynamics of the complaints, checks them for veracity, speaks and interacts with the complainant and looks for the source of the complaint. The complaint is never swept under the carpet but openly discussed as a method of further improvement of the management of the human resources available to the college.

C. EVALUATIVE REPORT OF THE DEPARTMENTS

SCIENCE (UNDERGRADUATE)

(I) NAME OF THE DEPARTMENT : PHYSICS					
YEAR OF ESTABLISHMENT : 1907					
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Dr.Harish Sarkar	MSc, PhD	Reader	32 yrs	Nuclear Physics
2	Dr.Susil Kumar Sarkar	M Sc, Ph D,	Reader	24 yrs	Spectroscopy
3	Dr.Sankari Roy Chowdhury	M Sc, Ph D	Reader	19 yrs	High Energy Physics
4	Dr.Krishna Mitra	M Sc, Ph D	Reader	21 yrs	Molecular Spectroscopy
5	Dr.Sukanya Dasgupta	M Sc, Ph D	Reader	24 yrs	Solid State Physics
6	Dr.Uma Bhowmik	M Sc, Ph D	Reader	11 yrs	Solid State Physics
7	Dr.Archan Kumar De	M Sc, Ph D	Reader	11 yrs	High Energy Physics & Cosmology
8	Dr.Sougata Bhattacharya	M Sc, PhD	Reader	6 yr	High Energy Physics Recipient of ' <i>Young Physicists award</i> ', <i>SINP</i> in1998
9	Sri Tapas Kumar Roy	BSc	GLI		-
Note: Three Lecturer posts are vacant. Sri Swapan Roy Chowdhury, Smt Mira Mondal, Sri Rajen Sardar and Sri Ajoy Banerjee are laboratory staffs.					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
60% aggregate (Hons) 45% aggregate (Genl)	3% from SC/ST category	Good in Bengali and in English	Male:female = 1 : 1.5	80% of the students come from urban areas & 20% from rural and suburban areas.	
Note : Students must have passed Physics and Maths in the last qualifying examination					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006-07			Dr Harish Sarkar as Senate and B.O.S. member, CU		
4. RESULT PROFILE					
Success rate	Rank	Drop-out	Remark		
95% (Hons)	Not Known	2-3%	16 out of 31 (H) 3% (Gen)		
5. LEARNING RESOURCES:					
Well equipped Laboratory (100 yrs old)					

- Text Books, Reference Books
- Departmental Library
- Journals and Periodicals
- Instruments like Cathode Ray Oscilloscope, Traveling microscope, Digital meters, Power supply, Spectroscope and all instruments required in the curriculum.
- Rare old instruments used by eminent physicists either as students/ teachers.

6. MODERN TEACHING METHODS & ICT: Partially started as per curriculum.

7. PERSONAL & ACADEMIC COUNSELLING:

Done regularly by faculty on a 1:1 basis and even help provided to them to get prepared for different competitive exams.

8. FACULTY DEVELOPMENT PROGRAMMES:

Performed prior to 5 years.

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books / publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other (Resource person)
Harish Sarkar	2(books)	5			Examiner & paper setter	2
Susil Kumar Sarkar	2	4	Presidency College		Examiner & paper setter	2
Sankari Roy Chowdhury	-	2	-	-	Examiner	
Krishna Mitra	-	1	-		Examiner	
Sukanya Dasgupta	3	7	-	-	Examiner	
Uma Bhowmik	2	4	-	-	Examiner	1 & 1MRP complete
Archan Kumar De	-	1			Examiner	
Sougata Bhattacharya	1(book)	2			Examiner	6*

* Dr Sougata Bhattacharya has delivered 4 Invited lectures in International Workshop on Complex Systems from 17th - 28th March, 2008

10(A). COLLABORATION: No collaboration as such, but teachers from Physics Department (Dr. Susil kumar Sarkar and Dr. Harish Sarkar) took all initiatives to start the Electronics Department and serves as Guest Faculty for the Department. Hence there is close collaboration of Physics Department with the Electronics Department.

10(B). PRIORITY AREAS AND RESEARCH:

Condensed Matter Physics, Cosmology and Quantum gravity, Spectroscopy.
 - Dr Uma Bhowmik and Sougata Bhattacharya are engaged in research on

Condensed Matter Physics, Dr Archan Kumar De on Cosmology and Quantum gravity. Dr Susil Kumar Sarkar specializes on Spectroscopy	
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:	
Not applicable	
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):	
Dr.Susil Kumar Sarkar – Excited State Photochemistry of Pyridines and Ketones at 77K . Dr Uma Bhowmik – (i) A study of Long range order in certain two-dimensional frustrated Lattices- J Physics Condensed Matters (2006) (ii) Study of DM Interaction in Triangular lattices, Indian J Physics (in press, 2008)	
12. PLACEMENT RECORD:	
Satisfactory. Dr Archan Kumar De and Dr Uma Bhowmik are in-charges of the Placement cell. 70% of students go for Higher studies.	
13. VISION AND MISSION FOR FUTURE:	
• To ensure efficient and progressive performance of academic task. • To introduce modern methods of teaching and learning. • Maintenance of support structure. • Arrange regular workshops, seminars on Science - Education and Physics. • To develop quality research programmes. • Modernization of the Laboratories. • To upgrade the Department from UG studies to PG studies. • To introduce research on Biophysics.	

(II) NAME OF THE DEPARTMENT :			CHEMISTRY		
YEAR OF ESTABLISHMENT :			1885		
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Dr.Apurba Kumar Mitra	MTech, PhD	Reader	29.5 yrs	Applied Chemistry (Ceramics)
2	Dr.Shyamal Banerjee	M Sc, Ph D,	Reader	27.5 yrs	Physical Chemistry
3	Dr.Sanjoy Kumar Bhattacharyya	M Sc, Ph D	Reader	23 yrs	Inorganic Chemistry
4	Dr.Mridula Basu	M Sc, Ph D	Reader	19 yrs	Physical Chemistry
5	Dr.Arunava Misra	M Sc, MPhil, PhD	Reader	15 yrs	Inorganic Chemistry
6	Dr.Jayati Mal	M Sc, Ph D	Reader	10 yrs	Organic Chemistry
7	Dr.Nirmalendu Mukhoti	M Sc, Ph D, BEd	Reader	10 yrs	Organic Chemistry
8	Sri.Ranjit Kumar Shit	M Sc, MPhil	Sel Gr Lecturer	10 yr	Organic Chemistry
9	Dr. Sharmila Bhatacharya	M Sc, Ph D, BEd	Reader	10 yrs	Physical Chemistry
10.	Dr. Kakali Sen	M Sc, Ph D	Lecturer	6 yrs	Inorganic Chemistry
11	Sri Tapan Kumar Mondal	BSc	GLI	29 yrs	
Note: Three Lecturer posts are vacant. There are 4 permanent laboratory attendants, and one casual staff.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
60% aggregate (Hons)		10 % from SC/ST category	Good in Bengali and in English	Male:female = 4 : 1	60% of the students come from urban areas & 40% from rural and suburban areas.
45% aggregate (Genl)					
Note : Students must have passed Physics and Maths in the last qualifying examination					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006-07			Dr Arunava Misra as elected member of Senate and Syndicate, CU		
4. RESULT PROFILE					
Success rate	Rank	Drop-out		Remark	
98 – 99 % (Hons)	Not Known	5 %		Average 1 st Class in Hons (8) and rest 2 nd Class	
5. LEARNING RESOURCES:					
- Well equipped Laboratory (more 100 yrs old) - Text Books, Reference Books (at Central Library)					

- Departmental Library COSCIP-101, Donated by departmental teachers-47
- Instruments like UV-VIS spectrophotometer, Digital Balance, physical Balances (>20), polarimeters, potentiometers, pH meters, colorimeters, conductivity bridges, ion exchanger, 3 refrigerators and all instruments required in the curriculum.
- Huge stock of Chemicals.
- Borosil glasswares.
- Rare old instruments used by eminent chemists either as students/ teachers.

6. MODERN TEACHING METHODS & ICT: Recently included in curriculum, and will be started soon.

7. PERSONAL & ACADEMIC COUNSELLING:

Done regularly by faculty on a 1:1 basis and even help provided to them to get prepared for different competitive exams.

8. FACULTY DEVELOPMENT PROGRAMMES:

Name of Faculty	Name of programme	No.	Year/years
Dr.Jayati Mal	Refresher (CU) {Academic staff college} Refresher (JU) {Academic staff college}	2	2005 & 2006
Dr.Nirmalendu Mukhoti	Refresher (CU) {Academic staff college}	2	2003 & 2006
Sri.Ranjit Kumar Shit	Refresher (JU) {Academic staff college} Refresher (JU) {Academic staff college}	2	2003 & 2006
Dr. Sharmila Bhattacharya	Refresher (JU) {Academic staff college} Refresher (JU) {Academic staff college}	2	2003 & 2004
Dr. Kakali Sen	Refresher (JU) {Academic staff college}	1	2006

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 5 yrs]

Name	No. of Books / publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other (Resource person)
Dr.Shyamal Banerjee	-	3	Science College (CU)	2	Head Examiner & paper setter	
Dr.Sanjoy Kumar Bhattacharyya	-	3	-	2	Examiner & paper setter	
Dr.Mridula Basu	-	5	-	2	Head Examiner	
Dr.Arunava Misra	-	Many	-	Many	Examiner and paper setter	
Dr.Jayati Mal	-	10	-	2	Examiner	
Dr.Nirmalendu Mukhoti	3 pub	7	-	2	Examiner	
Sri.Ranjit Kumar Shit	-	13	JU	2	Examiner	
Dr. Sharmila Bhattacharya	-	5	-	2	Examiner	
Dr Kakali Sen	3 pub	4	-		Examiner	

*Dr Arunava Misra is the elcted member of Senate and Syndicate of University of



Calcutta Complex Systems from 17 th - 28 th March, 2008	
10(A). COLLABORATION: No collaboration as such, but the newly formed Department of Biochemistry is collaborated with the Chemistry Department, and all faculty of the Department of Chemistry, take classes for the Biochemistry Honours course.	
10(B). PRIORITY AREAS AND RESEARCH:	
Dr. Nirmalendu Mukhoti-Natural product chemistry. Sri Ranjit Kumar Shit-Synthesis and reactions of Coumarine derivatives(for PhD) Dr Kakali Sen-Characterization of intermediates and design inhibitors of CP51 enzymes that catalyses the demethylation of lanosterol biosynthetic pathway, Virginia Commonwealth University, Richmond, USA (on leave)	
10(C).TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:	
Not applicable, but students are taken to Industries for exposure.	
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):	
Dr. Nirmalendu Mukhoti-- 1. Review paper accepted for publication, <i>Forshrette Der Chemische Naturstof</i> , (in press, 2005). 2. Triterpenoids from the orchid <i>Eria Acarvata</i> , <i>Journal of Indian Chemical Society</i> , <u>82</u> , 1152 (2005). Dr Kakali Sen-- 1. Non – planar amino groups : Protein structure Database analysis and Ab initio quantum chemical studies on model systems, <i>Indian J. Chemistry A (special issue of chemo informatics and computer aided drug design)</i> , <u>45 A</u> , 58, (2006) 2. Ab initio studies on excited state ZIntra molecular Electron transfer in 4 – amino – N – methylphthalimide. 3 – amino – N – methylphthalimide, <i>Int. J. Quantum Chemistry</i> , <u>106</u> , 913 (2006)	
12. PLACEMENT RECORD:	
Satisfactory. A major section of students get chance in BTech and MSc course offered by University of Calcutta and other Institutes.	
13. VISION AND MISSION FOR FUTURE:	
• To ensure efficient and progressive performance of academic task. • To introduce modern methods of teaching and learning. • Maintenance of and enhance support structure. • Continue seminar presentations by students. • Arrange regular workshops, seminars on Science – Education. • To develop quality research programmes. • Modernization of the Laboratories. • To upgrade the Department from UG studies to PG studies.	

(III) NAME OF THE DEPARTMENT : MATHEMATICS					
YEAR OF ESTABLISHMENT : 1907					
2. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Sri Susanta Sarkar	MSc	Sel Gr Lecturer	30 yrs	Algebraic Topology
2	Dr Sukla Bagchi	MSc, PhD	Reader	22 yrs	Fluid Dynamics & Plasma Physics
3	Smt Sabitri Tah	MSc, MPhil	Sel Gr Lecturer (HOD)	24 yrs	Relativity
4	Sri Nirmalya Maity	MSc	Part-time Lecturer	1 yr	
5	Sri Goutam Mondal	MSc	Part-time Lecturer	1 yr	
6	Sri Bipul Ghosh	MSc	Part-time Lecturer	1 yr	
7	Sri Mithun Kumar Ghosh	MSc	Part-time Lecturer	2 yrs	
Note: Two lecturer posts are vacant. Teachers are members of different sub-committees and WBCUTA					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
55 % in aggregate (Hons)		3 % from SC/ST category	Good in Bengali and in English	Male:female = 1 : 0.25	Mostof the students come from urban arear and 10 %from suburbs.
45 % aggregate (Genl)					
Note Students must have Maths as an elective subject in the last qualifying exam					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006-07 (Hons) and 2007(Genl)			-		
4. RESULT PROFILE					
Success rate		Rank	Drop-out	Remark	
85 % (Hons)		-	11/50 in 1 st batch & 15/51 in 2 nd batch	Average success rate is satisfactory	
5. LEARNING RESOURCES:					
• Departmental Library • Text Books • Reference Books • Computer & accessories • Calculators(scientific) • Journals • Magazines					
6. MODERN TEACHING METHODS & ICT: Not vet started.					

7. PERSONAL & ACADEMIC COUNSELLING:	Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.
8. FACULTY DEVELOPMENT PROGRAMMES:	Teachers have undertaken such courses prior to 5 years.
9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]	Teachers have publications prior to 5 years.
10(A). COLLABORATION:	No collaboration
10(B). PRIORITY AREAS AND RESEARCH:	Priority Areas are -- Modern Applied mathematical techniques and models
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:	Not applicable
12. PLACEMENT RECORD:	Satisfactory
13. VISION AND MISSION FOR FUTURE:	- To ensure efficient and progressive performance of academic tasks. - To develop modern methods of teaching and learning - To develop research activities, this is presently not possible due to paucity of staff. - Modernization of teaching and learning process. To arrange seminars and if possible workshops on recent topics of Mathematics [Sitangshu Memorial Lecture was organized on 6.2.2008, ex-teacher of this College, with distinguished speakers like Amalendu Bandopadhyay and Krishna De on Astronomy]

(IV) NAME OF THE DEPARTMENT : ZOOLOGY					
YEAR OF ESTABLISHMENT :					
3. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Dr Suryya Sankar Pannigrahi	MSc, PhD, PRS	Reader (HOD)	yrs	Biochemistry & Developmental biology
2	Dr Gobinda Chandra Sadhukhan	MSc, PhD	Reader	yrs	Genetics
3	Dr Sheela Roy	MSc, PhD	Reader	yrs	Fishery
4	Dr Nirmal Debnath	MSc, PhD	Sr. Lecturer	yrs	Entomology
5	Smt Indrani Sarkar	MSc, PhD	Lecturer	yrs	Neorubiology
6	Sri Tapan Kumar Lahiri	BSc	GLI	yrs	-
Note: Two lecturer posts are vacant. Part-time Teachers are appointed as per requirement. Sri Lakshmi Narayan De, Sri Nilanjan Goswam and Sri Uday Chand Das are laboratory sataff.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
55 % in aggregate (Hons) % aggregate (Genl)		5 % from SC/ST category	Good in English and in Bengali	Male:female = 1 : 3.5	15 % of the students come from rural area
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006 -2007			Dr Gobinda Chandra Sadhukhan as O.B.S. member, CU		
4. RESULT PROFILE					
Success rate		Rank	Drop-out		Remark
100 %		-	-		Success rate is satisfactory
Approximately 20 1 st classes in the last two years					
5. LEARNING RESOURCES:					
- Seminar Library - Text Books - Reference Books - Laboratory with Microtome, pH meter, Incubator, Microscopes, etc. - Computer with accessories.					
6. MODERN TEACHING METHODS & ICT: Partially done in assistance with PG Zoology.					
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis					
8. FACULTY DEVELOPMENT PROGRAMMES:					
Done before 2 yrs.					

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books/ publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignm ent	Other
Dr Suryya Sankar Pannigrahi*	5	2	PG	2 bodies	Examin er & co- ordinato r	UGC project
Dr Gobinda Chandra Sadhukhan**	1	4	PG	2 bodies	Examin er & BOS member	-
Dr Sheela Roy***	2	8	PG	2 bodies	Examin er	1 MRP completed and 1 applied
Dr Nirmal Debnath	-	12	PG	2 bodies	Examin er	-
Smt Indrani Sarkar	-	1+2(int)	PG	2 bodies	Examin er	-

All teachers are paper setters and examiners of PG

* Fellow of Zoological Society of India, Member of Indian Science Congress Association. Paschim Banga Bigyan Parishad, Bigyan Mancha, AICCG

** Member of Indian Association for colour transparency, Indian Science Congress Association,

*** Member of Indian Fisheries of India.

10(A). COLLABORATION: Active collaboration with PG department of the college

10(B). PRIORITY AREAS AND RESEARCH:

Study biodiversity and economic zoology. Thrust areas are fishery and entomological studies.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Sl.No	Area/Place	Conducte d by	Year	No. of students	Type of work	Non teaching member	Other	Remarks
1	Kodaikanal	GS,SR	2003- 04	30	Biodiversity study, pisciculture, poultry, sericulture study.	LND	Hons	This field study is compulsor y under CU curriculum
2	Bombay- Goa	MD and part-timer	2004- 05	30		-	Hons	
3	Kanha Forest Jabalpur	GS,SR	2005- 06	30		LND UD	Hons	
4	Kajiranga (Assam)	SD,SP	2006- 07	30		UD	Hons	
5	Kerala	SP	2007- 08	30		UD	Hons	
6	Digha	TKL. ND	2003- 04	35		UD	Genl	
7	Digha	TKL,SR	2004- 05	35		UD	Genl	

8	Digha	TKL. ND	2006-07	35		UD	Genl	
9	Bhitar Kanika	SP, IS	2007	30		UD	Genl	
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):								
An evidence of non-pathogenic bacterium as a mutagen in some experimental models- Dr. Gobinda Chandra Sadhukhan, Cytol and Genet, <u>12</u> , 2006								
12. PLACEMENT RECORD:								
Satisfactory. 90 % of the students go towards higher studies and are well placed in reputed institutions.								
13. VISION AND MISSION FOR FUTURE:								
• To ensures progressive performance of academic staff. • To ensure relevance and quality of academic and research programmes. • To develop modern methods of teaching and learning. • Research sharing with other bio-science departments of college. • To ensure efficient administrative task in the department. • To inculcate in students the thought of bio-diversity and environment. • Establish and continue proper co-ordination with the PG department.								

(V) NAME OF THE DEPARTMENT : BOTANY					
YEAR OF ESTABLISHMENT : 1959					
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Tapan Kumar Mishra	M Sc, Ph D, F.E.S	Principal	18 yrs	Plant Biochemistry & Enzymology
2	Sudarshan Maji	M Sc, Ph D	Reader	30 yrs	Plant Taxonomy
3	Sukanya Bhattacharya	M Sc, Ph D	Sr.Lecturer	10 yrs	Plant physiology& biochemistry
4	Debisri Dutta	M Sc, Ph D	Sr.Lecturer	7 yrs	Cytogenetics & Plant breeding
5	Swati Moitra (Sen)	M Sc, Ph D	Sr.Lecturer	6 yrs	Ecology
6	Susmita Das	M Sc, Ph D	Lecturer	1.5 yrs	Pharmacognosy
7	Jayanta Kumar Sen	M Sc, MPhil	GLI	22 yrs	Environmental Sc & Ecology
8	Part timer	M Sc	Lecturer	½ yr	
Note: One Lecturer post is vacant. Sri Sudhir Kumar Patra, Sri Shyamal Kumar Chakraborty and Sri Partha Mondal are 3 laboratory staffs. All teachers are engaged in administrative work, being members of different sub-committees.					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
55% aggregate (Hons) 45% aggregate (Genl)	5% from SC/ST category	Good in Bengali and in English	Male:female = 1 : 1.5	Most of the students come from urban areas & 2% from suburbs	
Note: Students must have Biology and Chemistry in the last qualifying examination.					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006-07 (Hons) & 2007(Gen)			-		
4. RESULT PROFILE					
Success rate	Rank	Drop-out	Remark		
90% (Hons) 80% (Gen)	-	16 out of 31 (H) 3% (Gen)	Average success rate is satisfactory		
5. LEARNING RESOURCES:					
• Laboratory • Seminar Library • Text Books • Reference Books • Computer with accessories • Medicinal Garden (under processing) • Equipments – Binocular, microscopes, chemical centrifuge, digital balance, photoelectric colorimeter etc.					
6. MODERN TEACHING METHODS & ICT: To some extent					
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis					

8. FACULTY DEVELOPMENT PROGRAMMES:

Name of Faculty	Name of programme	No.	Year/years
Dr.Sukanya Bhattacharya	Refresher (CU){Academic staff college}	2	2003 & 2005
Dr.Debisri Dutta	Refresher (CU) {Academic staff college}	3	2003,2007 & 2008
Dr.Swati Moitra Sen	Refresher (CU) {Academic staff college}	3	2006,2007 & 2008

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books	No. of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Dr.Tapan Kumar Mishra	10	48 (11 last 5 yrs)	?	Env Sc (CU)		Ph.D guide	Ph.D of 5 students
Dr.Sudarshan Maji	-					Examiner & paper setter	-
Dr S Bhattacharya	1	4	10	-	-	Examiner	-
Dr.Debisri Dutta	-	8	13	-		Examiner	-
Dr.Swati Moitra Sen	-	4	-	-	-	Examiner	-
Susmita Das	-	-	-	-	-	-	-

10(A). COLLABORATION:

Not as such. Department is well connected with the Biodiversity Board, Govt. of W.Bengal

10(B). PRIORITY AREAS AND RESEARCH:

Medicinal Plant Culture, Ecology, Toxicology, Cancer Biology, Ethnobotany and Joint Forest Management.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Sl.No	Area/Place	Conducted by	Year	No. of students	Type of work	Non teaching member	Other	Remarks
1	Rajasthan	SM,JS	2003	15	Floral Distribution in diff Phytogeographical distribution of India	SKC	Hons	This field study is compulsory under CU curriculum
2	Gangtok	SM,JS	2004	15		PM	Hons	
3	Bhutan	SMS	2005	14		SKC	Hons	
4	Chaandipur	SM,JS	2006	14		PM	Hons	
5	Gangtok, Rabangla	SM,JS	2006	14		SP	Hons	
6	Pehling	SB	2006	15		SP	Hons	
7	Vizag, Araku	SB	2007	15			Hons	
8	Vizag, Araku, Jagdalpur	SMS	2007	15			Hons	
9	Vizag	DD	2005	20		PM	Genl	
10	Gangtok	SM,JS	2006	20		SP	Genl	
11	Panchmari	SMS	2007	20		SKC	Genl	

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Dr.Tapan Kumar Mishra:

Evaluation of Regeneration of Shorea Robusta forest under Joint Forest Management in West Bengal, *International Journal of Environment and Sustainable Development*, UK, 5 (1), 12 (2006)

Ethnobotany of Kheria Lodha and Munda tribes in the lateritic West Bengal, *Advances in Ethnobotany*, Pg 123 (2007).

Forest policy and deprivation of forest – dwellers in Independent India, *Social Scientist*, 34 (7, 8), 20 (2006).

12. PLACEMENT RECORD:

Satisfactory 20% in higher studies & 20% in research and other Institutions

13. VISION AND MISSION FOR FUTURE:

- To ensure efficient and progressive performance of academic task.
- To introduce modern methods of teaching and learning.
- To ensure the credibility of evaluation procedure.
- Research sharing and networking with other Institutions/Organizations in India and abroad.
- To ensure quality of academic and research programmes.
- To start post graduation with specialization in Plant Taxonomy, Plant physiology and Cytogenetics, Ethnobotanical studies.
- To conduct winter schools annually on Plant Taxonomy as per curriculum.
- To conduct 'Hands-on training' on Mushroom culture by inviting expert personnel's.

(VI) NAME OF THE DEPARTMENT : 				
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2. Dr Chandana Sarkar	Refresher Course	2	2004 & 2006
3. Dr. Alok Ghose Chaudhuri	Refresher Course	1	2005
4. Sri Atis Chattopadhyay	Refresher Course	1	2006

9. PARTICIPATION /CONTRIBUTION OF TEACHERS :

Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Dr Alok Ghose Chaudhury	1	11	15	Ram Mohan College	B.O.S., Univ of Calcutta	Examiner, Paper setter,	-
Dr Chandana Sarkar	-	11	23	-	-	Examiner	Completed 1 MRP
Atis Kumar Chattopadhyay	-	-	-	-	-		MRP
Dr Aindrila Chattopadhyay	-	5	6	-	-	Examiner,	1 MRP sanctioned

10. COLLABORATION: Internal collaboration started with newly Biochemistry Dept of College

11(A). PRIORITY AREAS AND RESEARCH:

Priority Areas are -- Nutrition & Biochemistry, Microbiology and Immunology, Haematological studies.

11(B). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11(C). NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (2 yrs)

- (i) Reactive oxygen species induced gastric ulceration, Current Medicinal Chemistry, 13, 1187 (2006)
- Vit. E in the prevention of ischemic heart disease, Pharmacological Reports, 58, 179 (2006)

12. PLACEMENT RECORD: Satisfactory

13. VISION AND MISSION FOR FUTURE:

- To ensure progressive performance of academic tasks and evaluation procedure.
- To make the programme affordable and equitable to various sections of the society.
- To ensure active participation in different health check-up programmes organized by NSS/SU/college community as a whole.
- To develop modern methods of teaching and learning.
- To develop research activities, organize workshops on health issues/ education regularly.

(VII) NAME OF THE DEPARTMENT : COMPUTER SCIENCE					
YEAR OF ESTABLISHMENT : 1995					
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Paramita Sikdar	MSc, MTech	Selection Gr Lecturer	20 yrs	Computer Science
2	Rajkumar Panda	M Sc	Contractual Lecturer	3 yrs	Computer Science
3	Surajit Das	M Sc	Contractual lecturer	3 yrs	Computer Science
4	Santosh Das	M Sc	Contractual lecturer	6 months	Computer Science
5	Bidyut Das	M Sc	Contractual lecturer	2 yrs	Computer Science
6	Tayanika Ghosh	M Sc	Part-time Lecturer	6 months	Computer Science
Note: Smt Nilima Das is Technical Lab Assistant and Sri Anuj Singh is the Lab staff.					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
65% aggregate and 50% in Maths (for Hons)	2 % from SC/ST category	Good in Bengali and in English	Male:female = 1 : 1.(H)	90% of the students come from urban areas	
55% aggregate (Genl)			= 2:1(G)		
Note Students must have as a subject in the last qualifying exam					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2007 (Hons) & 2007(Gen)			Paramita Sikdar as a member of BOS, CU		
4. RESULT PROFILE					
Success rate	Rank	Drop-out		Remark	
99% (Hons) 80% (Gen)	-	7 out of 14(H) and 8 out of 22(Genl)		-	
5. LEARNING RESOURCES:					
- Computers with accessories - Text books/Seminar library - Reference books - Programme manuals - Softwares - Internet facility - Hardwares Good laboratory facilities					
6. MODERN TEACHING METHODS & ICT: To fullest extent					
7. PERSONAL & ACADEMIC COUNSELLING: Performed on a 1:1 basis					

8. FACULTY DEVELOPMENT PROGRAMMES:

- a) One day seminar on 'Database system and Cryptography' , 2006.
- b) One day lecture on 'Project Management in information system', 2007

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books / publications	Seminar/ Workshop s attended	Guest Faculty	Consultant / Member of Bodies	Univ Assignment	Other
Paramita Sikdar	1	5	Resource person, Burdwan Univ	CU Board of studies member	Examiner & paper setter	Guided M.E. project

10(A). COLLABORATION: Not as such.

•

10(B). PRIORITY AREAS AND RESEARCH:

Thrust areas are VLSI, Data base Management, Project management system.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Not applicable

12. PLACEMENT RECORD:

Thrust areas are VLSI, Data base Management, Project management system.

13. VISION AND MISSION FOR FUTURE:

- To ensure efficient, modern and progressive performance in academic task.
- Up gradation of equipments regularly
- To develop curriculum based project work by students.
- To enrich students' knowledge by experts from specialized fields.
- To train students according to the present global needs.
- To publish Departmental journals.
- To prepare technologically skilled students for the country.

(VIII) NAME OF THE DEPARTMENT :			GEOGRAPHY		
YEAR OF ESTABLISHMENT :			1940-41		
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Jyotirmoy Mukhopadhyay	M A, Ph D, Cert in Counselling	Reader	35 yrs	Geomorphology(Fluvial)
2	Sikha* Chattopadhyay	M A, GIS Certification, DIT from CDAC	Sel Gr Lecturer (HOD)	28 yrs	Regional Planning
3	Anindita Ghosh	M Sc, BTech, GIS Certification	Sel Gr Lecturer	18 yrs	Regional Planning
4	Uttam Mukhopadhyay	M A, Ph D	Senior Lecturer	12 yrs	Cartography
5	Jhuma Halder	M Sc, GIS Certification	Lecturer	1 yr 8 months	Regional Planning
6	Monmotho Jana	BA	GLI	20yrs	
Note: * Finance Committee Convenor and GB Member					
One post of Lecturer is vacant. Sri Falguni Bairagi and Rabi Das are 2 Laboratory staffs.					
All members are associated in college administration being members of different sub committees.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
60% aggregate (Hons)		12 % from SC/ST category	Good in English & Bengali and able to judge and express the subject	Male:female = 1 : 1 4% minority	15 % of the students come from rural and backward areas.
45% aggregate (Genl)					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2004 (Hons & Genl)			Dr Jyotirmoy Mukhopadhyay as member of B.O.S., CU		
2006 (Hons)					
Note: As per request from B.O.S, CU all the teachers send their suggestions for change in curriculum.					
4. RESULT PROFILE					
Note : 38 students secured 1 st classes between 2003-2007					
Success rate	Rank	Drop Out	Other		Remark
Satisfactory	2 nd (2004) 4 th (2007)	nil	In 2006, 2 students opted to appear in Univ exam, next year		No unsuccessful candidates in Hons & Genl programmes.
Students organize a wall magazine named 'Horizon'					
5. LEARNING RESOURCES OF DEPARTMENT:					
• Seminar Library with a Reading Room					

- Text books, Reference books, Rare books and Atlases.
- Four computers with two printers and one scanner.
- GIS software {21st Century Solution} as per curriculum.
- Wall maps, Topo sheets, Aerial photos, Satellite Imagery.
- Varieties of Survey Instruments, GPS and others.
- A GIS lab at Bidhan Sarani campus.
- Stereoscopes (Mirror), Pocket Stereoscopes.
- Digital Altimeter.
- Camera with Zoom lens,
- Developmental Reports, Census Reports, Census CD's and other CD.
- Meteorological Instruments.

6. MODERN TEACHING METHODS & USE OF ICT:

- Overhead projector, Digital Planimeter etc.
- GIS Remote sensing software and GPS
- RDBMS and other office tools.
- Census info software.

7. PERSONAL & ACADEMIC COUNSELLING BY FACULTY:

Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.

8. FACULTY DEVELOPMENT PROGRAMMES:

Name	Nature of Course	No	Year
Dr Uttam Mukhopadhyay	Refresher at Jadavpur Univ on Marine Erosion	1	2002
Smt Anindita Ghosh	Refresher at CU on 'Geography of the New Millenium'	1	2001
Dr. Jyotirmoy Mukhopadhyay	Certificate Course on Personnel Counselling	1	

Three teachers took training on GIS and Remote Sensing by 21st Century Solution

9. PARTICIPATION /CONTRIBUTION OF TEACHERS :

Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Jyotirmoy Mukhopadhyay	7	7	3 + 4(int)	For many Institutions	Geographical Society of India, ELEE	Examiner, Paper setter, Moderator	Student Counselling, Editorial Activities
Sikha* Chattopadhyay	-	8(Articles)	1+ 4(int)	IAS training Centre, Presidency college	Primary Board of Education	Examiner & Paper setter	JRF Town & Country Planning, Govt of W.B.
Anindita Ghosh	-	9	6+ 4(int)	Netaji Open Univ	-	Examiner & Paper setter	Engaged in NGO work, NSS, MRP sanctioned,

Uttam Mukhopadhyay	20	17	5	PG at Presidency College	Cartographical Society of India, Geomorphological Soc of India, ELEE	Examiner, Paper setter, Moderator	Ex-member State Planning Board
Jhuma Halder	3		7	-	-	Examiner	NSS, NGO work
Teachers have professional certification on GIS and recently one MRP on Health Geography has been sanctioned to Sm Anindita Ghosh							

10(A). COLLABORATION: Internal collaboration with EVS programme of College and organizing seminars by Guest Professors and Climatologists.

10(B). PRIORITY AREAS AND RESEARCH:

Priority Areas are -- Population Geography, Disaster issues, Human Development, Health geography, Land use study [use of Satellite Imageries and maps/photos, and personal microlevel verification], Behavioral Geography with field work.

Tools and Technology -- Cartography including digital cartography and GIS Remote sensing.

10(C) TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Sl. No.	Area/Place	Conducted by	Year	No. of students	Type of work	Non teaching member	Other	Remarks
1	Tangra & Shyanpur East	SC, AG & MJ	2005	52	1. Physiocultural identification & of primary data. 2.Land use survey. 3.Relief survey. 4.Special collection factor if any required.	R D	Rural unit	For both Hons & Genl Course
2	Panchari(HP)	AG & MJ	2005	33		FB	Urban unit	
3	Maithan	SC & UM	2006	50		FB	Rural unit	
4	Vishakapatnam	JM & JH	2006	32		FB	Rural unit	
5	Raja Tea Estate(Gouribari)	AG,UM & JH	2006	52		FB	Agro unit	
6	Pehling	SC,AG, UM	2007	40		R D	Rural & Urban unit	
7	Bishnupuram	JM & MJ	2004	55		R D	Rural unit	
8	Manali	UM & AG	2004	33		R D		
9	Maithan	UM, SC	2005	55		R D	Rural unit	
10	Mysore(village)	AG, JM, MJ	2003	33		R D	Rural unit	
11	Vizag	JH, JM, MJ	2008	50		FB	Rural unit	

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (2 yrs)

- (i) Concept of human well-being and its relevance in Geography – Jyotirmoy Mukhopadhyay (Prof. S Munsh Volume) 2006.
- (ii) Appraisal of possibility of River Bank Erosion, Jyotirmoy Mukhopadhyay, Hazard Perception and Disaster Management Journal, 2007.
- (iii) On Crime Geography, Anindita Ghosh , International Seminar Volume by CU, Dept of Geography(in press,2007)
- (iv) Under stress – A case study- Kolkata, Anindita Ghosh

12. PLACEMENT RECORD:

Out campus placement is nearly 85%. Students are well employed through SSC, CSC, PSC, GIS Institutes and Environmental research organizations, NGO's. 16 students qualifies in NET & SLET exams.

13. VISION AND MISSION FOR FUTURE:

- Efficient and progressive performance of academic tasks and evaluation procedure.
- Enhancement of project based research work by the students through extensive field work.
- Optimization and integration of modern methods of teaching and learning.
- Maintenance of support structure and services.
- To upgrade the department to PG level, subject to availability of teaching staff..
- To develop research work giving thrust to socio-economic and environmental aspect of Geography with a welfare approach.
- Enhance the use of modern tools and technology through remote sensing and GIS studies.
- Publication of Departmental magazine.
- Make students productive citizens of the country.

(IX) NAME OF THE DEPARTMENT : ELECTRONICS					
[Partly Self-financed programme]					
YEAR OF ESTABLISHMENT : 1999					
b. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Dr Susil Kumar Sarkar	MSc, PhD	Reader (Guest Teacher from Physics)	24 yrs	Spectroscopy
2	Dr Harish Sarkar	MSc, PhD	Reader (Guest Teacher from Physics)	32 yrs	Nuclear Physics (Member of Senate, CU)
3	Sri Subhasis Das	MSc	Contractual Lecturer	1 yr	Electronics
4	Sri Soumya Chatterjee	MSc	Part-time Lecturer	1 yr	Electronics
5	Sri Joydip Sinha	MSc	Part-time Lecturer	1 yrs	Electronics
6	Sri Bibhas Majhi	MSc	Part-time Lecturer	1 yr	Electronics
Note: The Honours course started in 2007. Dr Susil Kumar sarkar and Dr Harish Sarkar took all initiatives to start and run the Department. There is one lab staff also.					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
50 % in aggregate (Hons)	2 % from SC/ST category	Good in Bengali and in English	Male:female = 5 : 1	85 % of the students come from urban regions	
45 % aggregate (Genl)					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006			Dr Harish Sarkar as member of Senate		
4. RESULT PROFILE					
Success rate	Rank	Drop-out	Remark		
100 % (Gen) New batch in Honours	-	2 out of 30	Average success rate is satisfactory		
5. LEARNING RESOURCES:					
• Good laboratory • Hardwares and Instruments • Text books • Reference Books • Journals/ Research papers • Computers with accessories					
6. MODERN TEACHING METHODS & ICT: Modern teaching methods and ITC are used.					
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis					

8. FACULTY DEVELOPMENT PROGRAMMES:							
New Department							
9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]							
Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Harish Sarkar	2(books)	5			Examiner & paper setter	2	Guest Lecturers from Physics
Susil Kumar Sarkar	2	4	Presidency College		Examiner & paper setter	2	Guest Lecturers from Physics
10(A). COLLABORATION: No collaboration With Physics Department							
10(B). PRIORITY AREAS AND RESEARCH:							
Not started							
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:							
Not applicable							
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):							
Not applicable							
12. PLACEMENT RECORD:							
New Department							
13. VISION AND MISSION FOR FUTURE:							
- To ensure proper laboratory facilities with modern equipments. - To ensure modern teaching-learning methods. - To ensure adequacy and maintenance of support structure. - To ensure progressive academic task. - To prepare the students to help the nation with their higher technical skill.							

(X) NAME OF THE DEPARTMENT :		BIOCHEMISTRY					
		[Partially Self-financed]					
YEAR OF ESTABLISHMENT :		2007 [HONS]					
c. FACULTY PROFILE							
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)		
1	Dr Subarna Gupta	MSc, PhD	Contractual Lecturer (In-charge)	2 yrs	Biochemistry		
2	Dr Sudeshna Ghosh	MSc, PhD	Part-time Lecturer	0.8 yrs	Physical Chemistry		
Note: Department requires more teaching faculty and will be appointed in the coming session.							
2. STUDENTS' PROFILE							
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark		
60 % in aggregate with Chemistry and Biology		Students from affordable status come to study this course	Good in Bengali and in English	Male:female = 1 : 1	Newly formed Department and students are basically from urban area		
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM							
Change of Curriculum				Faculty Contribution			
2007				-			
4. RESULT PROFILE							
Success rate		Rank	Drop-out		Remark		
-		-	1 out of 9 students		New Department		
5. LEARNING RESOURCES:							
• Laboratory • Chemicals and Apparatus • Text Books • Reference Books • Journals							
6. MODERN TEACHING METHODS & ICT: Not yet started.							
7. PERSONAL & ACADEMIC COUNSELLING:							
Done regularly by faculty on a 1:1 basis . All students of the Department have attended a one week workshop held at Lady Brabourne College, Kolkata, which was specially arranged for students studying Biochemistry Honours under University of Calcutta.							
8. FACULTY DEVELOPMENT PROGRAMMES: Not started as yet							
9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]							
Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignm ent	Other
Dr Subarna Gupta	-	3	7	Engaged in IISBWM and Bihari Lal College, Kolkata	-	-	-
Dr Sudeshna Ghosh	-	5	4	-	-	-	-

10(A). COLLABORATION:
Dr. Subarna Gupta performs collaborative research work with Dr Amal Roy choudhury, Deputy Director and Officer-in-charge, Regional Occupational Health Centre, ICMR
10(B). PRIORITY AREAS AND RESEARCH:
Toxicological and Biochemical changes among lead exposed workers.
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:
Not applicable
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):
Lead induced functional and structural alterations among industrial workers, Toxicology International, (in press, 2007)
12. PLACEMENT RECORD:
New Department
13. VISION AND MISSION FOR FUTURE:
• To ensure efficient and progressive academic, administrative task. • Equitable access to and affordability of the academic programme. • To ensure adequate and proper allocation of the support system. • To arrange workshops, seminars regularly. • To undertake research programmes, presently on Toxicology. • To start arranging seminars and workshops. • To allocate more human resources for the Departments

HUMANITIES

(XI) NAME OF THE DEPARTMENT			: ENGLISH		
YEAR OF ESTABLISHMENT			: 1872		
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Sri Amit Paul	MA,LLB	Sel Gr Lecturer	29 yrs	AmericanLiterature
2	Smt Indrani Sengupta	MA, BEd, MPhil	Sel Gr Lecturer(H OD)	25 yrs	AmericanNovel
3	Dr Purnima Chakraborty	MA,MPhil, PhD	Sr.Lecturer	7 yrs	Contemporary Fiction
4	Dr Shaikle Nizamuddin Ahmed	MA	Part-time Lecturer	1 yr	
5	Tanmoy Bhattacharya	MA	Part-time Lecturer	1 yr	
Note: Two Lecturer posts are vacant. All teachers are engaged in administrative work, being members of different sub-commitees. Sri Amit Paul is the Convenor of Examination sub-committee and are members of WBCUTA.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% aggregate (Hons) CU Rule for Genl Course		5% from SC/ST category	Good in English	All students of College study Compulsory English	7% of the students come from sub-urban areas
Note Students who have not obtained 50% in aggregate in the last qualifying examination, should obtain 55% in the subject.					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 (Hons) & 2007(Gen)			-		
4. RESULT PROFILE					
Success rate		Rank	Drop-out	Remark	
70% (Hons) 60% (Gen)		-	16 out of 31 (H) 3% (Gen)	-	
5. LEARNING RESOURCES:					
• Seminar Library • Text Books • Reference Books • Journals, Periodicals, Magazines. • Rare Books • Collection of old and new novels.					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					

Done regularly by faculty on a 1:1 basis

8. FACULTY DEVELOPMENT PROGRAMMES:

- Two in Refresher Course- Smt Indrani Sengupta (1998,CU and 2000,JU).
- One in Orientation Course-Smt.Purnima Chakraborty(2004, JU)

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books	No. of publications	Seminar/ Workshop s attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignme nt	Other
Amit Paul	-	-	2	Law at (CU)	Higher Secondary Council	Examiner	-
Indrani sengupta	-	-	4	-	JUSAS CPTOWA (NGO)	Examiner	BEd Lecturer
Purnima Chakraborty	1	2	-	-	JUSAS	Examiner	-

10(A). COLLABORATION: No collaboration

College has collaboration with British institute to conduct spoken English Course for students. Smt. Indrani Sengupta is the Committee member.

10(B). PRIORITY AREAS AND RESEARCH:

To ensure language prophecy and original thought of expression in literature and language among students, regarding History of Literature, Novel and Contemporary Fiction.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Not applicable

12. PLACEMENT RECORD:

Satisfactory out of Campus

13. VISION AND MISSION FOR FUTURE:

- Integration of modern methods of teaching and learning through a language laboratory.
- Progressive performance of academic task.
- To ensure quality of evaluation process.
- To open job-oriented courses.
- To develop research activities among teachers.
- Publication of Department with the objective of nourishing and exposing literary skills of students.
- To guide students to become worthy citizen of the country using their mighty pen

(XII) NAME OF THE DEPARTMENT : BENGALI					
YEAR OF ESTABLISHMENT: 1872 [JOINTLY WITH SANSKRIT] 1921 [HONOURS]					
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Jayanti Bhattacharya	MA, PhD	Reader	20 yrs	Rabindra Sahitya
2	Partha Chattopadhyay	MA, PhD	Reader	17 yrs	Novel and Short stories
3	Abhijit Lahiri*	MA	Sr.Lecturer & (HOD)	11 yrs	Comparative Literature
4	Sohini Ghosh	MA, MPhil, PhD	Reader	19 yrs	Bengali Novel
Note: *GB Member of the College, Ex Teacher Council Secretary (2005-2006) One Lecturer post is vacant. All teachers are engaged in administrative work, being members of different sub-committees, specially in editorial boards of College publications and members of WBCUTA..					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
50% aggregate (Hons) CU Rule for Genl Course	At least 7-8 % from SC/ST category	Good command in Bengali	98% of the students of the College study Compulsory bengali	10 % of the students come from rural and backward regions.	
Note: Students who have not obtained 50% in aggregate in the last qualifying examination, should obtain 50% in the subject.					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 (Hons) & 2007(Gen)			-		
4. RESULT PROFILE					
Success rate	Rank	Drop-out	Remark		
95% (Hons) 95% (Gen) 90% Compulsory Bengali	-	1% (H) 1% (Gen)	Average success rate is satisfactory		
5. LEARNING RESOURCES:					
• Seminar Library • Text Books • Reference Books • Journals, Periodicals, Magazines. • Rare Books • Collection of old and rare newspapers • New books with social relevance.					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					
Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.					

8. FACULTY DEVELOPMENT PROGRAMMES:

- Two in Refresher Course- Sri Abhijit Lahiri in last 2 yrs
- All faculty members have undertaken Refresher and Orientation Courses.

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Dr.Jayanti Bhattacharya	6	1	4(int)	TV talk on Sajani Kanta Das		Examiner & Paper setter	-
Dr Partha Chattopadhyay	4	-	5+2(int)	-		Examiner	-
Dr Sohini Ghosh	2	-	12+2(int)	Editor 'Priority'	Resource person	Examiner	Completed 1MRP
Sri Abhijit Lahiri	Articles = 8	-	9+2(int)	--	Primary Board of Education	Examiner	-

9. COLLABORATION: No collaboration

- Department organized seminars on a) Bangla Upanyaser samay o deshkal (2005) and b) Ekush Ujjapan(2006)

10. PRIORITY AREAS AND RESEARCH:

To develop language proficiency, original expression of thought, understand literature and to develop writing skills among students. Philology/History of Literature and research on contemporary issues, socio-economic and socio-linguistics are the major thrust areas being pursued in the field of research.

11. TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

12. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Impact of Partition on the Bengali Novels.(MRP)

13. PLACEMENT RECORD:

Satisfactory out of Campus placement. Students are well placed in schools, colleges and media houses.

(XIII) NAME OF THE DEPARTMENT : SANSKRIT					
YEAR OF ESTABLISHMENT : 1872					
1.FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Sukriti Lahiri	M A, PhD	Reader	23 yrs	Kavya
2	Sudipa Bandopadhyay	M A, MPhil	S.G.Lecturer (HOD)	18 yrs	History and Epigraphy
3	Sanchita Kundu	M A	Part-timeLecturer	3 yrs	Sankhya Philosophy
4	Tulika Chatterjee	M A	Part-timeLecturer	2 yrs	Kavya
5	Pratim Bhattacharya	MA	Part-timeLecturer	2 yrs	Kavya
Note: One lecturer post is vacant. Teachers are members of different sub-committees and WBCUTA					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% in aggregate (Hons)		5% from SC/ST category	Good in Sanskrit and Bengali and 30% good in English	Male:female = 1 : 1	15% of the students come from rural and backward districts
45% aggregate (Genl)					
Note: Students must have Sanskrit as a subject in the last qualifying exam					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 Hons and Genl			-		
4. RESULT PROFILE					
Success rate		Rank	Drop-out		Remark
100%		-	Nil		Average success rate is satisfactory as per CU average
5. LEARNING RESOURCES:					
- Seminar Library - Text Books - Reference Books - Departmental Journal - Rare Books - Books of Linguistic evaluation - Magazines, Periodicals					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					
Done regularly by faculty on a 1:1 basis					
8. FACULTY DEVELOPMENT PROGRAMMES:					
Teachers availed of Refresher Courses prior to 2002.					

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]							
Name	No. of Books	No of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Sukriti Lahiri	-	1	4	-	Asiatic Society	Examiner	-
Sudipa Bandopadhyay	-	4	12	a.Univ of Calcutta PG b. Rabindra Bharati Univ, PG(Dist Edu)	a. Sahitya Parishad b. Itihas sankalan Bibhag c. Nikhil Bharat Adyapith Sangha	Examiner and paper setter	-
10(A). COLLABORATION:							
No collaboration as such but the Department engages eminent alumni of the college like Dr. Gopal Mishra, Ishan Scholar and Prof. Taraknath Adhikari, both of Rabindra Bharati Univ to deliver lectures and provide academic advices.							
10(B). PRIORITY AREAS AND RESEARCH:							
Priority areas are history of ancient literature, concept of Universal fraternity in Vedic literature, Women and Vaidic period. The Department has rganized lectures on these priority areas in 2004,2005,2006 and 2007.							
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:							
Not applicable							
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):							
Not applicable							
12. PLACEMENT RECORD:							
Satisfactory , particularly in academic institutions through SSC.							
13. VISION AND MISSION FOR FUTURE:							
- To develop the interest towards ancient literature among the students. - To develop the Department as a research centro of ancient Sanskrit literature and its relevance in environmental studies and on Vedic literature. - To accommodate students from various sections of the society. - To assure academic performance of students. - To introduce modern teaching methods to Sanskrit teaching. - To introduce publication of the department. - To make worthy citizens of India through the morals derived from ancient literature.							

(XIII) NAME OF THE DEPARTMENT : HISTORY					
YEAR OF ESTABLISHMENT : 1872					
1.FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Jiban Mukhopadhyay	M A	S.G.Lecturer	35 yrs	Modern India
2	Prasanta Bandopadhyay	M A	S.G.Lecturer	28 yrs	History of Europe and Latin America
3	Ishita Chakraborty	M A	Senior Lecturer	10 yrs	Gender History
4	Bhaswati Chattopadhyay	M A	Senior Lecturer(HOD)	8yrs	Gender History
Note: All teachers are engaged in administrative work, being members of different sub-committees. Sri Jiban Mukhopadhyay was the honourable Editor-in-chief of the 125 th Commemoration Volume. Sm Ishita Chakraborty is the Convenor of Academic sub-committee.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% in aggregate (Hons)		10% from SC/ST category and backward community	85% good in Bengali & 15% good in English	Male:female = 1 : 1.5	10% of the students come from sub-urban areas.
45% aggregate (Genl)					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 (Hons)			-		
4. RESULT PROFILE					
Success rate		Rank	Drop-out	Remark	
85% (Hons)		-	1	Average success rate is satisfactory	
80% (Gen)					
5. LEARNING RESOURCES:					
• Seminar Library • Text Books • Reference Books • Rare Books • Reports about collections of the College. • History of the College and the founder as evidences of history of Bengal's social reform • Rare reports and Gender and Partition related books					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					
Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.					

8. FACULTY DEVELOPMENT PROGRAMMES:							
Name of Faculty	Name of programme				No.	Year/years	
Smt Ishita Chakraborty	Refresher (CU){Academic staff college}				3	2001,2006 & 2008	
Smt Bhaswati Chattopadhyay	Refresher (CU) {Academic staff college}				3	2002,2005 & 2006	
	Orientation Course				2	2001	
9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]							
Name	No. of Books	No. of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Jiban Mukhopadhyay	14	-	2	Ramkrishna Mission	-	Examiner & paper setter	Famous writer of History books
Prasanta Bandopadhyay	2	Regular publications in periodicals	-	Journalist	Itihas Sansad	Examiner & paper setter	Famous Journalist
Ishita Chakraborty	1	4	-	-	Co-editor ‘Khoj Ekhn’ & member Pakistan-India Peoples Forum-	Examiner	Specializing in women studies with editing activities
Bhaswati Chattopadhyay	2	-	14	Rabindra Bharati Univ	Life member Asiatic Society	Examiner	MRProject (one) UGC
10(A). COLLABORATION: No collaboration							
10(B). PRIORITY AREAS AND RESEARCH:							
Partition of India, History on Gender, Politics and society, social issues and reforms, Politics an woman: the question in Colonial India, Nation and Nationalism in historical perspective, Freedom movement of India.							
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:							
Not applicable							
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):							
Smt Bhaswati Chattopadhyay: - Towards partition : gender, politics and Society in Bengal. Smt Ishita Chakraborty: - Meyeli dekha (A feminine reading : Resistance and Recovery) - Gendered Body and Gendered nation.							
12. PLACEMENT RECORD:							
Satisfactorily in schools, media houses, higher education and other Institutions.							

13. VISION AND MISSION FOR FUTURE:

- To promote quality of academic and research programmes.
- Efficient and progressive performance of academic task.
- To upgrade the department from undergraduate to post graduation.
- To ensure the credibility of evaluation procedure.
- To develop a research centre on historical aspect of gender studies.
- To make students worthy citizens of the country.
- To publish a departmental magazine and to develop an archive of the College/Department.

(XV) NAME OF THE DEPARTMENT : POLITICAL SCIENCE					
YEAR OF ESTABLISHMENT : 1960					
1.FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Chitrita Chaudhuri	MA,PhD	Reader	25 yrs	International Law
2	Pijush Bandopadhyay	MA,MPhil	Sel Gr Lecturer	15 yrs	Comparative Politics
3	Sumiya Chattopadhyay	MA	Sel Gr Lecturer(HOD)	15 yrs	Research Methodology
4	Arindam Dutta	MA,MPhil	Part-time lecturer	2 yrs	Socialist Thought (College Alumnus)
Note: One lecturer post is vacant. All teachers are members of WBCUTA. All teachers are engaged in administrative work, being members of different sub-commitees.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% aggregate (Hons)		At least 7% from SC/ST category	Good (80%) in Bengali and 20% proficiency in English & Bengali	80% of the BA Hons students take this subject as an elective subject	10% of the students come from the rural and sub urban regions.
CU norms for General students					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2003-2004			-		
4. RESULT PROFILE					
Success rate	Rank	Drop-out		Remark	
85% (Hons)	-	1% (H)		Average success rate is satisfactory	
5. LEARNING RESOURCES:					
• Text Books • Reference Books • Seminar Library • Daily News materials and political articles • Periodicals, journals and Wall magazines					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					
Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.					
8. FACULTY DEVELOPMENT PROGRAMMES:					
None in last 2 yrs					

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]							
Name	No. of Books	No. of publications	Seminar/ Workshop s attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
DrChitrita Chaudhuri	-	-	8 + 2(int)	-	Asiatic Society & Pol Sc Society	Examiner	Finance Comm Convenor Last 2 yrs
Sri Pijush Bandopadhyay	-	-	2(int)	-	Asiatic Society & Pol Sc Society	Examiner	
Sm Sumita Chattopadhyay	5	-	23 + 2(int)		Asiatic Society & Pol Sc Society	Examiner	
10(A). COLLABORATION: No collaboration Internal co-ordination of the Department with Department of Journalism and Mass Commun as Dr. Chitrita Chaudhuri is the co-ordinator of this newly formed Department.							
10(B). PRIORITY AREAS AND RESEARCH: Public Administration, Comparative political policies/Comparative Politics, Gender issues and Research Methodology, Contemporary social and political issues of developing countries with reference to India, Socialist thought.							
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK: Not applicable							
11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs): Public Administration, Comparative political policies/Comparative Politics, Gender issues and Research Methodology, Contemporary social and political issues of developing countries with reference to India, Socialist thought.							
12. PLACEMENT RECORD: Satisfactory							
13. VISION AND MISSION FOR FUTURE: - Progressive performance of academic task. - Equitable access to and affordability of studies for various sections of the society. - Research sharing with other Departments on issues of developing countries. - Optimization of modern methods of teaching and learning.							

(XVI) NAME OF THE DEPARTMENT : PHILOSOPHY					
YEAR OF ESTABLISHMENT : 1872					
1. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Upal Dutta Gupta	MA,PhD	Sel Gr Lecturer(H OD)	31yrs	Logic
2	Dipannwita Chakraborty	MA,MPhil,PhD	Sel Gr Lecturer	18 yrs	Logic
3	Madhumita Mitra	MA,	Lecturer	6 yrs	Logic
4	Arumita Dey	MA,MPhil	Part time lecturer	1 yr	Vedanta
Note: One Lecturer post is vacant. All teachers are members of WBCUTA. All teachers are engaged in administrative work, being members of different sub-commitees.					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% aggregate (Hons) 45% in Genl Course		At least 8 % from SC/ST category	Good (80%) in Bengali and 20% proficiency in English	M:F ratio = 1:2	7-8% of the students come from suburbs and rural regions.
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 (Hons) & 2002-2003 (Gen)			-		
4. RESULT PROFILE					
Success rate	Rank	Drop-out		Remark	
95% (Hons)	2 1 st classes in 2007	1% (H) 1% (Gen)		Average success rate is satisfactory	
5. LEARNING RESOURCES:					
• Text Books • Reference Books • Journals, Periodicals, Magazines. • Rare Books on Philosophical studies • Collection of old research publications. • New books with social relevance. • Rare books on Psychology including social psychology. • Books on Social philosophy.					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING:					
Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.					
8. FACULTY DEVELOPMENT PROGRAMMES:					

- 1 Refresher Course and 1 Orientation Course by Madhumita Mitra.

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books / No of publications	Seminar/ Workshop s attended	Guest Faculty	Consultant / Member of Bodies	Univ Assignment	Other
Upal Dutta Gupta	-	2 (int)	-	Resource person	Examiner & Paper setter	-
Dipannwita Chakraborty	-	4+2 (int)	-	-	Examiner Co ordinator Centre –in- charge	-
Madhumita Mitra	2	11+2 (int)	-	-	Examiner	Received scholarship grant from Greece

10(A). COLLABORATION: No collaboration

- Department was the zonal centre of examination of Calcutta University 2007.

10(B). PRIORITY AREAS AND RESEARCH:

- Logic, Moral Philosophy, Ethics and modern quantitative approach towards philosophical research, contemporary issues. Smt madhumita Mitra has research work on 'Euthanesia'
- Department organizes seminars on 'Meaning of God' and 'suicide' from the ethical point of view in 2003 and 2005.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

- Locke's theory of knowledge' – Dr. Dipannwita Chakraborty
- Quality of life vs sanctity of life—Madhumita Mitra
- Moral philosophy by T S Mill and G E Moore- acritical comparative study (research project of Madhumita Mitra)

12. PLACEMENT RECORD:

Satisfactory

13. VISION AND MISSION FOR FUTURE:

- To ensure progressive performance of academic task.
- To ensure equitable access and affordability of academic programmes for various sections of the society.
- To ensure allocation of adequate support structure to learners.
- To enhance quality and quantity of research programmes.
- To publish Departmental journals to develop writing skills in students.

(XVII) NAME OF THE DEPARTMENT : ECONOMICS					
YEAR OF ESTABLISHMENT : 1872 [Jointly as a paper of History] : 1960 [As a separate subject]					
1.FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Soumen Sarkar	MA,MPhil	Sr Lecturer	12yrs	Econometrics & Statistics
2	Runa Roy	MSc,MPhil	Sr Lecturer(HOD)	7 yrs	Econometrics & Statistics
3	Krishna Shee	MSc,	Part time lecturer	1 yr	
4	Tithi Chakraborty	MSc	Part time lecturer	2 yrs	
5	Mousumi Mitra	MSc	Part time lecturer	1 yr	
Note: One lecturer post is vacant. Teachers are members of different sub-committees and WBCUTA					
2. STUDENTS' PROFILE					
Entry level requirement		Socio-economic status	Language proficiency	Any other	Remark
50% aggregate (Hons) 45% in Genl Course		At least 4 % from SC/ST category	Good in Bengali and in English	M:F ratio = 1:1	8% of the students come from suburban regions.
Note Students must have as a subject in the last qualifying exam					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2005-06 (Hons)			-		
4. RESULT PROFILE					
Success rate		Rank	Drop-out	Remark	
75% (Hons)		-	2% (H)	Average success rate is satisfactory	
5. LEARNING RESOURCES:					
• Seminar Library • Text Books • Reference Books • Journals • Developmental Projects • Rare books on historical aspects of Economics					
6. MODERN TEACHING METHODS & ICT: Not yet started.					
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis and even help them to get prepared for different competitive exams.					
8. FACULTY DEVELOPMENT PROGRAMMES:					

- 2 Refresher Courses attended by Soumen Sarkar (2007,2008)
- 1 Refresher Course attended by Runa Roy (2008)

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books	No. of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Sri Soumen Sarkar	-	-	5	-	-	Examiner & Paper setter	-
Smt Runa Roy	-	4	4	-	Bengal Economists' Asso & Associate member of International Economists Asso	Examiner	-

10(A). **COLLABORATION:** No collaboration

•

10(B). PRIORITY AREAS AND RESEARCH:

Development and Welfare Economics, Labour Economics, International Trade, Socio-economic issues of developing countries.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

- (i) Different forms of Growth: Impact on Trade-balance and Welfare in small open economy.- Runa Roy
- (ii) Growth employment of child labour and National welfare in small open economy.-Runa Roy
- (iii)'Will tradesanctions reduce child labour?' – A general equilibrium analysis.- Runa Roy

12. PLACEMENT RECORD:

Satisfactory

13. VISION AND MISSION FOR FUTURE:

- To enhance the academic and research quality.
- Application of modern methods of teaching and learning.
- Progressive performance of Academic tasks.
- Allocation of human resources to run the Department efficiently
- To develop the Department as a centre of Economic studies with research projects.
- To build up wealthy citizens of the country.

(XVIII) NAME OF THE DEPARTMENT : JOURNALISM & MASS COMMUNICATION					
YEAR OF ESTABLISHMENT : 2005 [Self-financed]					
1 FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Sonarekha Chattopadhyay	M A, doing PhD	Contractual Lecturer	10yrs	Radio, TV & Sports journalism
2	Gargi Chakraborty	M A,	Part-time Lecturer	2 yrs	-do-
3	Snehasis Sau	M A	Part-time Lecturer	2 yrs	-do-
Note: There is no full-time permanent teacher. There is one contractual laboratory staff					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
50% in aggregate (Hons) And good marks in languages	Affordable for self-funding courses .5% from SC/ST	Good in Bengali and English	-	85% of the students come from urban areas	
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Change of Curriculum			Faculty Contribution		
2006			Course started from 2006		
4. RESULT PROFILE					
Success rate	Rank	Drop-out	Remark		
100%	-	-	-		
5. LEARNING RESOURCES:					
• Text Books and magazines • Reference Books and periodicals • Daily newspapers • Computer, softwares [DTP & Editing] • PRINTER, CDS, Camera • Other audio-visual items/accessories					
6. MODERN TEACHING METHODS & ICT: DTP & editing techniques through softwares [as per syllabus]					
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis .					

8. FACULTY DEVELOPMENT PROGRAMMES:

Not yet as this is a newly framed Department.

9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]

Name	No. of Books	No. of publications	Seminar/ Workshops attended	Guest Faculty	Consultant/ Member of Bodies	Univ Assignment	Other
Sonarekha Chattopadhyay	-	2	-	-	-	Examiner	

10(A). COLLABORATION: No collaboration

•

10(B). PRIORITY AREAS AND RESEARCH:

Reporting and editing, printing, software based advanced DTP, copyright and media democratic issues, report presentation, impact of advertisement, news publication in different media.

10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:

Not applicable

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Impact on advertisement – research project by Sonarekha Chattopadhyay

12. PLACEMENT RECORD:

Students faced campus interviews.

13. VISION AND MISSION FOR FUTURE:

- Progressive performance of academic tasks.
- Quality academic programmes.
- To inculcate in the students a sense of conscious, consistent and catalytic performer as a journalist.
- Integration of modern methods of teaching and learning.
- Creating a upgraded and modern laboratory.
- To make worthy citizens of the nation.

POST GRADUATION

(XIX) NAME OF THE DEPARTMENT :ZOOLOGY POST-GRADUATION [AUTONOMOUS AND SELF-FINANCED]					
YEAR OF ESTABLISHMENT : 2005					
d. FACULTY PROFILE					
Sl	Name	Qualification	Designation	Experience (teaching)	Remarks (specialization)
1	Sm Prarthana Chakraborty	MSc, MPhil	Contractual full-time Lecturer	1 yr	
2	Sri Arunava Mukherjee	MSc, MPhil	Contractual full-time Lecturer	2 yrs	
- All UG Permanent teachers take classes in PG - There are 22/23 Guest Lecturers from different Institutes of repute. - There are 6 Part-time teachers who take classes in UG and practical classes in PG					
Note : There are two contractual lab-staffs (Pulak Das & Sukanta Nayak)					
2. STUDENTS' PROFILE					
Entry level requirement	Socio-economic status	Language proficiency	Any other	Remark	
50 % in Honours Examination	2 % from SC/ST category	Good in English	Male:female = 1 : 1.5	10 % of the students come from rural and suburban areas	
Entry time depends on Graduation results					
3. CONTRIBUTION TOWARDS CHANGE IN CURRICULUM					
Start of Curriculum			Faculty Contribution		
2005			Teachers of the Department in forming the Board of Studies for PG studies		
Note : Principal is the Controller of Examinations for the PG Course					
4. RESULT PROFILE					
Success rate	Rank	Drop-out		Remark	
100%	As per merit	-		All students secured 1 st classes	
Semester system is the examination format divided in four semesters.					
5. LEARNING RESOURCES:					
- Books – Text, reference, Journals etc. - Computers with accessories. - Internet Facility. - Library.					

Well equipped laboratory with – Stereo and Compound Microscopes, Microscope with camera and software, Chromatography apparatus, BOD Incubator, Colorimeter, Digital weighing Machine, Laminar air flow apparatus, Gel apparatus, Camera Lucida, PCR, Autoclave, Pearl Culture apparatus, Overhead Projector, Stage Micrometer, Freezer, magnetic stirrer with hot-plate, Plankton net, Applicator, Micropipette, Distillation set-up, pH-meter, Simple microscope, Microtome Machine, Incubator, Sedgwick Rafter, Aquarium, Tullgren Apparatus etc.			
6. MODERN TEACHING METHODS & ICT: Modern up-to-date methods are used.			
7. PERSONAL & ACADEMIC COUNSELLING: Done regularly by faculty on a 1:1 basis			
8. FACULTY DEVELOPMENT PROGRAMMES:			
Same as for UG			
9. PARTICIPATION /CONTRIBUTION OF TEACHERS [last 2 yrs]			
- Same as for UG - All teachers are examiners, paper-setters of PG			
10(A). COLLABORATION: Students go to different research Institutes for their project work - Chittaranjan National Cancer Institute, CNCI, National Institute of Cholera & Enteric Diseases, ICMR, Fisheries at Kalyani University..			
10(B). PRIORITY AREAS AND RESEARCH:			
Fisheries, Cell Biology, Entomology and Neurobiology. There are special papers on Fishery, cell Biology, Entomology. Genetics and Pearl-Culture are planned to be other Thrust Areas.			
10(C). TEACHERS AND STUDENTS PARTICIPATION IN PROJECT WORK:			
Table– List of student projects (PG) 2006 – 2007 session			
Sl. No.	Name of student	Project name	Name of guide/s
1	Dipannita Das	Effect of Dopamine on insulin like growth factor(IGF-1) induced ...	Dr. Partha Sarathi Dasgupta, Chittaranjan National Cancer Institute.
2	Mandrita Mitra	Cancer/tumour Angiogenesis.....	Dr. S.N Banerjee, Ram Mohan College
3	Suman Mahapatra	Deletion Mapping of Chromosome 5q 21-22.....	Dr Chinmay Kumar Panda, Dept. of Oncogene Regulation, CNCI
4	Aditi Mukherjee	Isolation and Molecular characterization of.....	Dr Hemanta Koley, National Institute of cholera & enteric diseases
5	Koyel Ganguli and Shazia Quasin	Diversity of macrobenthic fauna in managed and unmanaged.....	Dr Sheela Roy and Asim Kumar Nath
6	Monika Patra and Nazia Kabir	Diurnal migration and diversity of zooplankton.....	Dr Sheela Roy and Asim Kumar Nath
7	Chandrika Banik & Koushik Sadhukhan	Studies of the bottom faunal diversity in Naihati & Batanagar.....	Dr Sheela Roy and Asim Kumar Nath
8	Prasun Patra & Monami Chakraborty	Project report on study of LC 50	Dr Sheela Roy and Asim Kumar Nath
9	Mohor Kundu	Use of entomology in crime scene.	Dr. S.G Dhali & Dr. Nirmal Debnath
10	Soma Karmakar	Some observations on mites and insect spe.....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta

		On citrus and banana....	
11	Poulami Sarengi	Some observations on mites and insect spe.....at Ramakrishnamission....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta
12	Runi Ghosh	A status report on coconut mite, a severe threat to coconut cultivation.....	Dr. S.G Dhali ,Dr. Nirmal Debnath and S.K.Gupta
13	Piyali Munshi	Project on aquatic insects	Dr. S.G Dhali ,Dr. Nirmal Debnath and Dheera Roy
14	Sanirban Dhali	Studies on some known applied species ...	Dr. S.G Dhali ,Dr. Nirmal Debnath and Salil Kumar Patra
15	Ruma Mukherjee	Comparative study of different water parameters...	Dr. S.G Dhali ,Dr. Nirmal Debnath and Dheera Roy
16	Anamika Pal & Debasree mondal	Study on ornamental fish market in Howrah	Dr Sheela Roy
17	Krishnendu Maity	Expression profile of D2 class of dopamine receptors...	Dr. G.C.Sadhukhan & Dr. Partha Sarathi Dasgupta, Chittaranjan National Cancer Institute.
18	Rajib Ghosh	Detection of dengue infection in rural & Kolkata	Dr G.C.Sadhukhan &Dr. Shyamalendu Chaterjee, ICMR
19	Sharmila Ghosh	Isolation and characterization of multidrug.....	Dr G.C.Sadhukhan & Dr. Hemanta Koley, NICED.
20	Tamal Mondal	Studies on detection of HepatitisC....	Dr G.C.Sadhukhan &Dr. Provash Chandra Sadhukhan,ICMR
21	Dona Banerjee	Detection of multiple viral infections in HIV...	Dr G.C.Sadhukhan &Dr. Provash Chandra Sadhukhan,ICMR

TOURS CONDUCTED BY STUDENTS ASSOCIATED BY TEACHERS

Sl.No.	Area/Place	Conducted by	Year	Non teaching member	Remarks
1	Bird Sanctuary (Balurghat)	S S Pannigrahi	2006	Sukanto nayak	Study wildlife and Fishery
2	Chaandipur	G S Sadhukhan & Prantik Ghosh	2007		

11. NOTEWORTHY RESEARCH PUBLICATIONS BY TEACHERS (last 2 yrs):

Same as UG

12. PLACEMENT RECORD:

1 st Batch of students have just passed out in 2007

13. VISION AND MISSION FOR FUTURE:

- .To ensure quality of academic and research programmes
- Timely and efficient as well as progressive performance of academic, administrative and financial tasks.
- To ensure the credibility of evaluation procedure.
- Research sharing with UG Bio-science Departments of the College and other Institutions in India and abroad.
- With a broad vision track out the deficiencies of this newly formed Department, sort out ways for improvement and successfully implement them.

D. Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and No part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

**Signature of the Head of the Institution
with seal:**

Place:

Date:

Addendum

ADDENDUM II.1

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE), MONDAY

Year	Sec	11:00	11:45	12:30		1:30	2:15	3:00	3:45	4:25	5:05
III	D	M () L2	Zoo () K	Ch () L2 Phy () 3	R E C E S S	Ph pr D12 Zoo pr F4			Zoo pr F56		
	E	ph* pr ch* p cs*pr				m* () 5	m* () 5 ph* () L2 cs* () lb	m* () 5 ph* () L2 ch* () 20 cs* () lb	m* () 5 ph* () L2 ch* () E	m* () 002 ph* () L2 ch* () L	m* () 002
	F	bot* pr z* pr phy* pr				bot* () P z* () K2 phy* () lb	bot* () P z* () K2 phy* () lb	bot* () P z* () M2 phy* () lb	bot* () P		
II	D	Ph () D Zoo () X		M () D Bot () X		Bot pr F4			Ch () D Es () M2 Phy () X	Ch () D Es () M2 Phy () X	
	E	ph* () 8 Ph () D EC () K	ph* () 8 ch* () X cs* () lb	M () D		ch* pr Ph pr E/M Ch pr E/B CS pr E/B ES pr E/B cs* pr			ch* () 8 Ch () D CS () K2 ES () M2 cs* () 208	ch* () 8 Ch () D CS () K2 ES () M2 cs* () 208	ch* () 8 cs* () 208
	F	z* () 4 Zoo () X	bot* () 4 z* () M2 phy* () lb	bot* () 4 phy* () lb Bot () X		bot* pr z* pr phy* pr			Ch () D Phy () X	Ch () D Phy () X	bot* () 8 z* () L
I	D	ES pr D34 Zoo pr F56				Ch () L Es () M2 Phy () X	Ph () B	CB () B CHi () K2	Bot pr F4		
	E	m* () 5 ph* () E ch* () 9 cs* () 208 es* () 309 bch* () 209	m* () 5 ph* () E ch* () 9 cs* () 209 es* () 309 bch* () 209	m* () 5 ph* () E ch* () 9 cs* () 208 es* () 309 bch* () 209		ch* () 9 Ch () E CS () L2 ES () M2 cs* () 208 es* () 309 Phy () X	ph* () 8 Ph () E	CB () D CHi () K2	ch* pr Ph pr E/M CS pr E/B ES pr E/B cs* pr bch*pr		
	F					Ch () L Phy () X	bot* () M2 z* () 4 phy* () 20	CB () D CHi () K2	bot* pr z* pr phy* pr		

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE), TUESDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	D	ChprD34 EsprD34					M () L2 Zoo() C	Ch () L2 Phy () C	BotprF4	Ch () M2	
	E	m* ()002 ph*pr ch* pr	m* ()002	m* ()002		m* ()002 ph*() lb ch*() 20 cs*()lb	ph*() lb ch*() 20	ph*() lb ch*() 20			
	F		Phy*()lb	Phy*()lb		bot* () P z* () lb phy* pr	bot* () P z* () lb	bot* () P z* () lb			
II	D	M() D Bot() X	Ph () K	Ch () J Es () M2 Phy () X		Ph pr D12 Ch pr D34 ES pr D34 Zoo pr F56			ZooprF4 Phypr F56		
	E	M() D m*() 5	ph* () E Ph () K	ch* () 5 Ch () J CS () L2 ES () M2 cs* () 210		m* () 5 ch* pr cs* pr ph* pr	m* () 5	m* () 5	ph* () 8 cs* () 208 Ph pr E/A Ch pr E/M CS pr E/M	ph* () 8 cs* () 208	ph* () 8 cs* () 208
	F	bot* () M2 Bot () X phy* () lb	bot* () M2 z* () 5 phy* () lb	Ch () J Phy () X		Bot pr F2 Phy pr F1 Ch pr F13			bot* pr z* pr phy* pr		
I	D		M () C			CE () B	Ph () B Bot () X	Ch () D Es () K1 Phy () X	Zoo () X	Bot () X	
	E	ph* () 8 cs* () 208 es*() 309 Ph pr E/A Ch pr E/M CS pr E/M	ph* () 8 cs* () 208 es*() 309	ph* () 8 cs* () 208 es*() 309		CE () C	ph* () E Ph () D	ch* () 9 Ch () K CS () M2 ES () K1 cs* () 208 Phy() X	m* () 5 ch* () 9 cs* pr ph* pr es*pr bch*pr	m* () 5 ch* () 9	ch* () 9
	F	bot* pr z* pr phy* pr				CE () D	bot* () lb Bot () X phy* () K2	Ch () D Phy () X	z* () 3 Zoo () X	bot* () 4 Bot () X phy* () 20	bot* () 4 z* () X phy* () 20

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE), WEDNESDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	D	Ph pr D34		Bot() K		Ch () L2	Ph() L2	Ph() L2 Phy() K	M () M2	Zoo() X ES () lb	ES () lb
	E	m*()002	m*()002 ch*() 20	m*()002 ch*() 20		m*()002 ph*() lb ch* pr cs*()lb	ph*() lb cs*()lb	ph*() lb	ph*() lb cs*pr	m*() 002	m*() 002
	F			phy*()lb		bot* pr z* pr phy* pr			phy*()lb	phy*()lb	
II	D		M () B Zoo() X	Ch () D Es () M2 Phy () X		Ph pr D34 Ch pr D12 ES pr D 12 Bot pr F56 Phy pr F4			M () C Zoo() X	Ph () D	
	E	m*() 5 ch*() 8 cs*() 209 ph*() D	m*() 5 M () B	ch*() 8 Ch () D CS () K2 ES () M2 cs*() 209		m*() 8 ph* pr ch* pr Ph pr E/C	m*() 8	m*() 8	M () C m*() 8	ph*() 8 Ph () D	
	F	bot*() K1 z*() 20 phy*() lb	z*() 8 Zoo() X	Ch () D Phy () X		Zoo pr F13 Phy pr F2 Ch pr F2			z*() lb Zoo() X	bot*() lb z*() lb phy*() lb	bot*() lb z*() lb phy*() lb
I	D					Bot() X		M () B	Ph pr D34 Ch pr D12 Phy Pr F4 Bot pr F56		
	E	ch*() 9 Ch pr E/B cs*() 208 es*() lb bch*()210	ch*() 9 cs*() 208 es*() lb bch*()210	ch*() 9 cs*() 208 es*() lb bch*()210		m*() 5 M () K	m*() 5 M () K	m*() 5 ch*() 9 cs*() 208 es*()309 bch*() lb	m*() 5 ch*pr ph* pr Ph pr E/C PhyprE/bch	m*() 5	
	F	bot* pr z* pr phy* pr				bot*() 4 Bot () X phy*() M2	bot*() 4 z*() 3 phy*) K2	bot*() 4 z*() 3 phy*) M2	Zoo pr F13 Phy pr F2 Ch pr F2		

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE),THURSDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	D	ES pr D34				ES() lb	Ch() M2 Phy() 3	Ph() M2	Ph pr D12 Bot() B		
	E	ch* pr	Ph*() M2	Ph*() M2		Ph* pr	Ch* () 20 m*() 002 Cs*() lb	Ch* () 20 m*() 002 cs*() lb	m*() 002 cs*pr	m*() 002	
	F	bot* pr z* pr phy* pr				z*() M2	bot* () P phy* () lb	bot* () P phy* () lb	bot* () P phy* () lb	phy* () lb	
II	D	Ph pr D12 Ch pr D34 Zoo pr F56				Bot pr F4 Phy pr F56			Ch () D Es () M2 Phy () X	Ph() D Zoo() X	Bot() X
	E	m*() 20 ch*() L cs* pr ph* pr	m*() 20 ch*() 5	m*() 20 ch*() 5		ph*() 8 cs*() 208 Ph pr E/A Ch pr E/M CS pr E/M	ph*() 8 cs*() 208	ph*() 8 cs*() 208	ch*() 8 Ch () D CS () L2 ES () M2 cs*() 208	ph*() 8 Ph () D	
	F	Bot pr F2 Ch pr F13 Phy pr Fi				bot* pr z* pr phy* pr			Ch () D Phy () X	Z*() K Zoo() X	bot*() lb phy*() lb Bot() X
I	D		M () D Bot() X	Ph() D Zoo() X		M () D Bot() X	Ph() D Zoo() X	Env(UB) X			
	E	m*() 5 ch*() 9 cs* () 208 ph*() 8 es*() 309 bch*() lb	M () E	ph*() 8 Ph () E		M () E m*() 5	ph*() 5 Ph () E	Env (IS) D	m*() 5 ch* pr ph* pr es*pr bch*pr	m*() 5	
	F	bot*() 4 z*() E phy*() 3	bot*() 4 phy*() L2 Bot() X	Z*() K Zoo() X		bot*() 4 phy*() L2 Bot() X	Z*() K Zoo() X	Env(IS) D			

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE), FRIDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	D	Phy pr F4 Bot pr F56	ES() lb	ES() lb		Phy pr F56		Ph () L2	Ph pr D34	Bot () 20	
	E	m* ()002 ph* () lb cs*()lb	m* ()002 ch*() 20 ph* () lb cs*()lb	m* ()002 ch*() 20 ph* () lb cs*()lb		m* ()002 ch* pr ph* pr	m* ()002		Cs*pr		
	F					bot* () P z*() K2	bot* () P z*() K2		bot* pr z* pr phy* pr		
II	D		Ph() E Bot() X	M () J		Zoo pr F4			Ph pr D34 Ch pr D12 Bot pr F56 Phy pr F4		
	E	ch* () E cs* ()208 ph* () 8 m*() C	ph* () 8 Ph () E	M () J m* () 5		ch*() E Ph pr E/M Ch pr E/B CS pr E/B ES pr E/B cs*pr	ch*() E	ch*() E	m*() B ch* pr ph* pr Ph pr E/C	m*() B	
	F		bot* () 4 phy*() lb Bot() X	bot* () 4 phy*() lb z* () E		bot* pr z* pr phy* pr			Zoo pr F13 Phy pr F2 Ch pr F2		
I	D					Ch () 9 Es () M2 Phy () X		M () D Zoo() X	Ch () 9 Es () M2 Phy () X	Ph () 9 Zoo() X	
	E	ph* () K bch*()209 CS pr E/M cs* pr es*pr	ph* () K bch*()209	ph* () K bch*()209		ch*() 5 Ch () L CS () 8 ES () M2 cs* () 208 es*() lb Phy() X	m* () L ch*() 5 ph* () 8 cs* () 208 es*() lb bch*() lb	m* () L M () B	ch*() 5 Ch () 3 CS () 8 ES () M2 cs* () 208 es*() lb Phy() X	ph* () 8 Ph () D	Es* () lb Bch*() lb
	F	bot* pr z* pr phy* pr				Ch () 9 Phy () X	bt* () M2 z* () K phy*() L2	z* () K Zoo() X	Ch () 9 Phy () X	z* () K Zoo() X	bot* () 4 z* () K phy*() 3

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (SCIENCE), SATURDAY

Year	Sec	11:00	11:45	12:30	1:30
III	D		Bot() B	M () B	Ph () D Zoo () B
	E	Ph*() M2	Ph*() M2	Ph*() D	
	F	z* () lb	z* () lb	z* () lb	
,II	D		Ph () E Bot () X	Ch () 9 Es () M2 Phy () X	M () B Zoo () X
	E	ph* () 8 ch* () 9 cs* () 208 m* () E	ph* () 8 Ph () E	ch* () 8 Ch () 9 CS () L2 ES () M2 cs* () 208	M () m* () 3
	F		bot* () 20 Bot () X phy* () lb	Ch () 9 Phy () X	z* () lb Zoo () X
I	D	Ph pr D12 Ch pr D34			Ch () 9 Es () M2 Phy () C
	E	m* () 5 ph* pr ch* pr cs* pr PhprE/es,bch	m* () 5	m* () 5	ch* () 5 Ch () L CS () 8 ES () M2 cs* () 208 es* () 209 Ph y() C
	F	Bot pr F2 Phy pr f1 Ch pr F13			Ch () 9 Phy () C

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), MONDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	A	b*()001 e*()002 s*()004 p*()211	b*()001 e*()002 s*()004 p*()211	b*()001 e*()002 s*()004 p*()211		b*()001 e*()002 s*()004 p*()211					
	B		g*()lb	g*()lb		g*pr ec*()209	ec*()209 h*()001 ps*()004	ec*()209 h*()001 ps*()004	g*()lb ec*()209 h*()001 ps*()004	h*()001 ps*()004	
	C	Gpr		Ec()M2		P()8 G()lb	Eb()X Ee()K1 Ehi()N	PS()8	H()4	S()B	
II	A	J()C P()2	s*()20 p*()L2	H()C		PS()D	P()L P*()9 J()C	b*()3 e*()2 Eb()J Ee()K1 Ehi()N	b*()3 e*()2 s*()K p*()20	b*()3 e*()2 s*()K p*()20	
	B	J()C P()2	PS()D	H()C M()D		G1pr CSpr	J()C P()L g*()lb	Eb()J Ee()K1 Ehi()N	CS()K2 h*()J ps*()9 g*pr	CS()K2 h*()J ps*()9	
	C	J()C P()2	H()C	M()D		PS()C	P()L J()C	Eb()J Ee()K1 Ehi()N		PS()C	
I	A	e*()B	b*()2 e*()B	b*()2 e*()B s*()K p*()20		s*()K S()3	b*()2 s*()3 p*()K	P()L J()X p*()E	Eb()J Ee()K1 Ehi()N	s*()4 p*()5 J()lb	J()lb
	B	g*pr ec*()3 h*()J ps*()L	ec*()3 h*()J ps*()L j*()lb	ec*()8 h*()J ps*()L j*()lb		EC()B S()3 CS()L2	CE()D	P()L J()X G()lb g*()lb	Eb()J Ee()K1 Ehi()N g*()lb G1pr CSpr	J()lb g*()lb	J()lb
	C	G2pr				EC()B S()3	CE()J	P()L J()X G()lb	Eb()J Ee()K1 Ehi()N	J()lb	J()lb

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), TUESDAY

Year	Sec	11:00	11:45	12:30	R E C E S S	1:30	2:15	3:00	3:45	4:25	5:05
III	A	e*()001	e*()001 p*()004	e*()001 p*()004		e*()001 p*()004	b*()001 p*()004 s*()210	b*()001 s*()210	b*()001 s*()210	b*()001 s*()210	
	B	g*pr ec*()211	ec*()211	ec*()211		g*()lb ec*()211	g*()lb ps*()209 h*()002	ps*()209 h*()002	ps*()209 h*()002	ps*()209 h*()002	
	C	PS()K	G()lb	Ee()K2		Eb()K		EC () B S () E	Gpr P ()K		
II	A	H () J	S () B EC () J	b* () D		b* () 2 s* () 4	p* () M2 e* () 2 s* () 4	p* () 3 e* () L s* () 4	e* () L Eb() D Ee() K2 Ehi() K1	p* () 3 P () B J () lb	J () lb
	B	H () J M () D	S () B EC () J ec* () X	g* () lb h* () C ps* () B CS () L2		g* pr h* () 3 ps* () L ec* () L2	h* () 3 ps* () L ec* () K	G () lb	Eb() D Ee() K2 Ehi() K1 g* () lb G1 pr CSpr	P () B g* () lb J () lb	J () lb
	C	M () D	S () B EC () J			H () X		G () lb	Eb() D Ee() K2 Ehi() K1	P () B	
I	A	b* () L e* () 2 s* () 20 p* () 4	b* () L e* () 2 s* () 20 p* () 4	b* () L e* () 2 s* () 20 p* () 4		H() J PS() 9	CB() J CHi() K2	Eb() J Ee() K2 Ehi() N	P () B J () C	S () K	
	B	g* () lb ec*() E h* () 3 ps*() 9 j* () lb	h* () 3 ps* () 9 M () C J* () lb	g* () lb ec* () E h* () 3 ps* () 9 j* () lb		H () J PS () E	CB() J CHi() K2	Eb() J Ee() K2 Ehi() N G () lb g* () lb CS () M2	P () B J () C G () lb g* () lb j* () 211	S () K EC () C ec* () E	
	C	G2pr					CB() 9 CHi() K2	Eb() J Ee() K2 Ehi() N G () lb	P () B J () C G () lb	S () K EC () C	

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), WEDNESDAY

Year	Sec	11:00	11:45	12:30	R	1:30	2:15	3:00	3:45	4:25	5:05
III	A	e* () 001 b* () 211	e* () 001 b* () 211 p* () 004	e* () 001 b* () 211 p* () 004	E C E S S	e* () 001 b* () 211 p* () 004	s* () 004	s* () 004	s* () 004	s* () 004	
	B		h* () 209 ec* () 309	ec* () 309		g* () lb h* () 209 ec* () 309	g* () lb h* () 209 ec* () 309 ps* () 211	g* () lb h* () 209	g* () lb	ec* () 20	
	C		S () 4 EC () M2	H () B			P () M2 G () lb	Eb () 2 Ee () K2 Ehi () N	PS () E	H () B	
II	A	P () C	e* () L b* () 2 p* () 3 s* () K	P () 3 J () C		e* () J b* () D p* () 20 s* () L	e* () J b* () D p* () 20 s* () L	PS () D	H () J	s* () 2 S () E EC () 3	
	B	P () C ec* () K g* () lb	h* () C ps* () D M () B	P () 3 J () C G () lb CS () K2 g* () lb		h* () 2 ps* () 9 ec* () 3	h* () 2 ps* () 9 ec* () E	PS () J ps* () X	h* () B H () J M () C	S () E EC () 3 ec* () L2	
	C	P () C	M () B	P () 3 G () lb J () C		G2pr G3pr			M () D	S () E EC () 3	
I	A	b* () J s* () 4 p* () 3		b* () J e* () 2 s* () 4 p* () 3		P () B J () C	CE () B	H () C	b* () 2	PS () J	
	B	g* () lb j* () lb G1pr CSpr	g* () lb j* () lb	g* () lb j* () lb		P () B J () C G () lb	PS () C	h* () L H () C M () B	h* () L ps* () 9 ec* () K g* pr	h* () L ps* () 9 ec* () K	ps* () 9
	C		EB () J	PS () L		P () B J () C G () lb	H () X	M () B	G3 pr		

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), THURSDAY

Year	Sec	11:00	11:45	12:30	R	1:30	2:15	3:00	3:45	4:25	5:05
III	A	b* () 001 s* () 004	b* () 001 s* () 004	b* () 001 s* () 004	E C	b* () 001 s* () 004	b* () 001 s* () 004	p* () 004	p* () 004	p* () 004	
	B	g* pr ec* () 210	h* () 209 ec* () 210	h* () 209	E S S	g* () lb h* () 209 ec* () 210	h* () 209 ec* () 210 ps* () 211 g* () lb	ps* () 211 g* () lb	ps* () 211 g* () lb	ps* () 211	
	C		P () 8	G () lb		PS () 9		Eb () 5 Ee () K1 Ehi () K2	EC () 20 S () 4	H () J	
II	A	e* () 2 Eb () J Ee () K1 Ehi () K2		PS () B		P () B p* () K2 J () C	b* () L e* () 2 P* () K2	b* () L e* () 2 s* () K p* () L2	b* () L e* () 2 s* () K	EC () L S () M2 s* () 4	
	B	g* () lb G () lb Eb () J Ee () K1 Ehi () K2	PS () 9	g* () lb ec* () L2		P () B J () C	h* () J ps* () C ec* () L2	h* () J ps* () C ec* () 4	h* () J ps* () C g* () lb CS () L2	ec* () 20 EC () L S () M2	
	C	G () lb Eb () J Ee () K1 Ehi () K2				g* pr P () B J () C		H () 9	PS () E	EC () L S () M2	
I		P () D J () C p* () K	b* () 2 e* () J s* () C p* () K	b* () 2 e* () J s* () C		b* () 2 e* () J s* () C p* () K	S () 9	H () B PS () E	Eb () 3 Ee () K1 Ehi () K2		
	B	P () D J () C G () lb	h* () L ps* () 3 M () D J* () lb	h* () L ps* () 3 ec* () 4 g* () lb j* () lb		h* () L ps* () 3 M () D J* () lb	ec* () 4 EC () B S () 9	H () B PS () 3	Eb () 3 Ee () K1 Ehi () K2 g*pr	ec* () 9	
	C	P () D J () C G () lb	PS () B	H () 9			EC () B S () 9		Eb () 3 Ee () K1 Ehi () K2 G3pr		

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), FRIDAY

Year	Sec	11:00	11:45	12:30	R	1:30	2:15	3:00	3:45	4:25	5:05
III	A	e*()001 p*()004	e*()001 p*()004	e*()001 p*()004	E C E S S	e*()209 p*()004 s*()210	b*()209 s*()210	b*()209 s*()210	b*()209 s*()210	b*()209	
	B	g*pr				ec*()211 h*()001	ec*()211 h*()001 ps*()004 g*()lb	ec*()211 h*()001 ps*()004 g*()lb	ec*()211 h*()001 ps*()004	ps*()004	
	C										
II	A	PS() J	EC() L S () J	H() B		b*() 2 e*() D s*() K p*() 4	P() 9 P*() 4	e*() J Eb() 9 Ee() K1 Ehi() K2	b*() 2 e*() J s*() K p*() 4	b*() 2 s*() 5	
	B	PS() X	ec*() M2 EC() L S () J	h*() 3 H() B M() J		G1pr CSpr g*pr	P() 9	Eb() 9 Ee() K1 Ehi() K2	ec*() E h*() L ps*() C g*() lb	ec*() E h*() L ps*() C g*() lb	
	C		EC() L S () J	H() X M() J		PS() 3	P() 9	Eb() 9 Ee() K1 Ehi() K2	G2 pr G3 pr		
I	A	e*() D s*() 9 p*() 2	b*() C e*() D s*() 9 p*() L2	b*() C e*() D s*() 9 p*() L			EC() 2 S () 3		Eb() D Ee() K1 Ehi() K2	Env (CS) J	
	B	g*pr ec*() 5 h*() 3 j*() lb	ec*() 5 h*() 3 ps*() 2 j*() lb	ec*() 8 ps*() 2 j*() lb		g*() lb h*() B ps*() C CS() 8 J*() lb	ec*() X EC() 2 S () 3	h*() 3 ps*() C M () D	Eb() D Ee() K1 Ehi() K2 g*() lb G () lb	Env (CS) J	
	C		H () B			PS() J	EC() 2 S () 3	PS() 2	Eb() D Ee() K1 Ehi() K2	Env(SD) 3	

MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (ARTS), SATURDAY

Year	Sec	11:00	11:45	12:30	1:30
III	A	s* () 004 e*() L p*() 001	s* () 004 p*() 001	e*() L p*() 001	 p*() 001
	B	g*pr			
	C				
II	A			b* () K	b*() K Eb () 2
	B	ec* () K	g* () lb ec* () K h* () C ps* () 3	g* () lb h* () C ps* () 3	Eb () 2 G () lb M () E
	C				Eb () 2 G () lb
I	A	H () J PS () D	b* () J e* () 2	b* () J e* () E	P () J
	B	H () J	PS () D	ec* () 4 g* () lb j* () lb	P () J CS () 8 J* () lb
	C	PS () 3		H () 2	P () J

ADDENDUM II.2
MASTER ROUTINE VIDYASAGAR COLLEGE, Full Session, 2007 – 2008 (POST GRADUATION)

PERIOD	1 ST	2 ND	3 RD	4 TH	5 TH	6 TH	7 TH	8 TH	9 TH
DAY									
MON	PG I Pr PG II ()	PG I Pr PG II ()	PG I Pr PG II ()	PG I() PG II()	PG I() PG II()	PG I() PG II()	PG I Pr PG II ()G	PG I Pr PG II ()G	PG I Pr PG II ()G
TUE	PG I Pr PG II ()	PG I Pr PG II ()	PG I Pr PG II ()	PG I() PG II()	PG I() PG II()	PG I Pr PG II () Ento spl PG II Cyto Pr	PG I Pr PG II () Ent spl PG II Cyto Pr	PG I Pr PG II () PG II Cyto Pr	PG I PG II()
WED	PG I Pr PG II ()	PG I Pr PG II () Ento spl	PG I Pr PG II () Ento spl	PG I PG II() Ento spl	PG I PG II() Ento spl	PG I() PG II()	PG I() PG II()	PG I PG II() Ento spl	PG I PG II() Ento spl
THURS	PG I() PG II() Cyto spl	PG I() PG II() Cyto spl	PG I() PG II() Gen	PG I() PG II() Gen	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr
FRI	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr	PG I() PG II (spl) Pr	PG I() PG II (spl) PG II (spl) PG II (spl)	PG I() PG II (spl) PG II (spl) PG II (spl)	PG I() PG II (spl) PG II (spl) PG II (spl)	PG I() PG II (Gen) Pr	PG I() PG II (Gen) Pr	PG I() PG II (Gen) Pr
SAT	PG I Pr PG II ()	PG I Pr PG II ()	PG I Pr PG II ()	PG I() PG II()	PG I() PG II()	PG I() PG II()			

ADDENDUM III.1

Publication by the Faculty in last 5 years (2003 – 2007)

Total = 31

I PHYSICS (4)

1. DR. SAUGATA BHATTACHARYA
 1. J. Physics A Letters, 36, 2003
2. DR. UMA BHAUMIK
 1. A study of language order in certain to dimensional frustrated lattices, *J. Physics condensed matters*, 18, 8251, (2006)
 2. Study of DM interaction in triangular lattice, *Indian Journal of Physics*, (in press, 2008)
3. DR. SUSIL KUMAR SARKAR
 1. Excited state photochemistry of Pyridyl Ketones at 77K – *Asian Journal of Physics*, (accepted, 2008)

II ZOOLOGY (1)

4. DR. GOBINDA CHANDRA SADHUKHAN
 1. An evidence of non-pathogenic bacterium as a mutagen in some experimental models, *Cytol and Genet*, 12, (2006)

III BOTANY (12)

5. DR. SUKANYA BHATTACHARYA
 1. Cancer Therapy in *Green Technology*, Green Technology, 7(1), 109 (2006)
6. DR. TAPAN KUMAR MISHRA
 1. Research needs for Joint Forest Management in South West Bengal, *Contemporary Studies in Natural Resource Management in India*, Pg 233, (2003)
 2. Impacts of plantation in ecosystem development, *Journal of Tropical Forest Science (Malaysia)*, 16 (3), (2004)

3. Host, range, diversity of *Coscuta reflexa roxb* in Burdwan district of West Bengal, *J.Economic Taxon.Bot*, 28 (4), 222 (2004)
4. Joint Forest Management in West Bengal, *Joint Forest Management in India*, University Press (Hyderabad), 160 (2004)
5. Joint Forest Management, lesson from case studies, *Joint Forest Management in India*, University Press (Hyderabad), 180 (2004)
6. Impact of different management systems on Biodiversity conservation, *The Indian Forester*, 9, 130 (2004)
7. Joint Forest Management, its spread, performance and impact in Andhra Pradesh, *Joint Forest Management in India*, University Press, Pg. 196 (2004)
8. Litter decomposition and soil microflora in laterite region of West Bengal, *Soil Biodiversity, Ecological Processes and Landscape Management*, (2005)
9. Evaluation of Regeneration of *Shorea Robusta* forest under Joint Forest Management in West Bengal, *International Journal of Environment and Sustainable Development*, UK, 5 (1), 12 (2006)
10. Forest policy and deprivation of forest – dwellers in Independent India, *Social Scientist*, 34 (7, 8), 20 (2006)
11. Ethnobotany of Kheria Lodha and Munda tribes in the lateritic West Bengal, *Advances in Ethnobotany*, Pg 123 (2003)

IV PHYSIOLOGY (5)

7. DR. AINDRILA CHATTOPADHYAY

1. Effect of Isoproterenol on lipid peroxidation, *Molecular and cellular Biochemistry*, 245, 43 (2003)
2. Attenuation of oxidative stress induced changes in phthalasemic erythrocytes by Vit E, *polish Journal of Pharmacology*, 56, 85 (2004)
3. Oxidative stress induced ischemic heart disease, *Current Medicinal Chemistry*, 11, 369 (2004)
4. Reactive oxygen species induced gastric aulsaration, *Current Medicinal Chemistry*, 13, 1187 (2006)
5. Vit. E in the prevention of ischemic heart disease, *Pharmacological Reports*, 58, 179 (2006)

V CHEMISTRY (6)

8. DR. NIRMALENDY MUKHOTI

1. Review paper accepted for publication, *Forshrette Der Chemische Naturstof*, (in press, 2005)

2. Triterpenoids from the orchid *Eria Acarvata*, *Journal of Indian Chemical Society*, 82, 1152 (2005)
9. DR. KAKALI SEN
 1. Effect of chain length on stoichiometry of complex formation between α , ω – diphenyl polyenes and N, N – dimethylamine in excited state, *Chemical Physics Letters*, 389, 61 (2004)
 2. Ab initio QM / MM study of excited state electron transfer between pyrene and 4, 4 – bis (dimethylamine) – diphenylmethane with different solvent systems : Role of hydrogen bonding with Solvent molecules, *Int. J. Quantum Chemistry*, 102, 386 (2005)
 3. Non – planar amino groups : Protein structure Database analysis and Ab initio quantum chemical studies on model systems, *Indian J. Chemistry A (special issue of chemo informatics and computer aided drug design)*, 45 A, 58, (2006)
 4. Ab initio studies on excited state ZIntra molecular Electron transfer in 4 – amino – N – methylphthalimide. 3 – amino – N – methylphthalimide, *Int. J. Quantum Chemistry*, 106, 913 (2006)

VI BIOCHEMISTRY (3)

10. DR. SUBARNA GUPTA
 1. Lead induced changes in seminal constituents of workers from battery and pigment factory in Kolkata, *Indian Biologists*, 35, 1 (2003)
 2. Lead induced structural and functional alterations among industrial workers, *Toxicological International* (2007)
 3. Functional impairment of sperm among lead exposed industrial workers, *Indian J. Physiol and Allied Sciences*, (in press, 2007)

ADDENDUM – III.2

List of Books Published by Faculty

I BENGALI (12)

1. DR. JAYANTI BHATTACHARYA (6)

- | | | |
|---|---|----------------------------------|
| 1. রবীন্দ্রনাথের দুঃখের গান | } | করুণা প্রকাশনী, টেমার লেন কলকাতা |
| 2. নিত্যলীলা নীলাচলে | | |
| 3. তারাতীর্থ পরিক্রমা | | |
| 4. তুষারশিবের তপতীর্থে | | |
| 5. যদি ভরিয়া লঙ্গবে কুন্ডু | | |
| 6. কোনো কোনো ভাগ্যবানে দেখিবারে পায় - রণজিৎ ভট্টাচার্য, কলকাতা | | |

2. DR. SOHINI GHOSH (2)

- | | |
|---|--------------------------------|
| 1. গল্প চয়ন | (School Text Book for Class V) |
| 2. মহাশ্বেতা দেবীর অরন্যের অধিকার বাস্তবতার সন্ধানে | (Edited) |

3. DR. PARTHA CHATTOPADHYAY (4)

- | | |
|--|---------------|
| 1. বাংলা সাহিত্য পরিচয় - তুলসী প্রকাশন | (BA Standard) |
| 2. প্রবন্ধ পরিচয় - তুলসী প্রকাশন | (BA Standard) |
| 3. রাজনৈতিক দৃষ্টিকোণে বাংলা উপন্যাস - তুলসী প্রকাশন | (BA Standard) |
| 4. শক্তিপদে কবিমন | (BA Standard) |

II HISTORY (14)

4. SHRI JIBAN MUKHOPADHYAY (14)

- | | |
|---|--|
| 1. আনন্দমঠ ও ভারতীয় জাতীয়তাবাদ (ভাস্করী পার্লিশার্স) | |
| 2. স্বামী বিবেকানন্দ ও যুবসমাজ (ভাস্করী পার্লিশার্স) | |
| 3. বিপ্লবের প্রতীক শ্রী শ্রী মা সারদাদেবী (পুণশ্চ) | |
| 4. স্বদেশ পরিচয় (নবভারতী) | |
| 5. History of India (নবভারতী) | |
| 6. স্বদেশ পরিচয় ও বিশ্ব (নবভারতী) | |
| 7. History of India and the World (নবভারতী) | |
| 8. উচ্চমাধ্যমিক আধুনিক ভারত (Popular Text Book of State HS Board) (ছায়া প্রকাশন) | |
| 9. উচ্চমাধ্যমিক আধুনিক ইউরোপ ও বিশ্ব (Popular Text Book of State HS Board) (ছায়া প্রকাশন) | |

10. উচ্চমাধ্যমিক আধুনিক ভারত ও বিশ্ব (Popular Text Book of State HS Board) (ছায়া প্রকাশন)
11. H. S. Modern India and the World (Popular Text Book of State HS Board) (ছায়া প্রকাশন)
12. ভারতের ইতিহাস - ১ (B. A.) (শ্রীধর)
13. ভারতের ইতিহাস - ২ (B. A.) (শ্রীধর)
14. আধুনিক ভারত ও বিশ্ব (B. A.) (শ্রীধর)

III PHYSICS (1)

5. DR. SAUGATA BHATTACHARYA

1. 'Non linear dynamics' – Near and far from equilibrium, Springer Verlay, Berlin and Hindustan book Agency, India

IV CHEMISTRY (21)

6. DR. ARUNABHA MISRA (Author - II, Co-author – 6, Editor / Editorial Board – 4) (Author of books on Science Awareness)

1. Ki khabo, keno khabo (3rd Edition)
2. E barer surya graham, amra ki pelam, PBVM
3. Surjer Purnagrahan, PBVM
4. Sat Kahaner Sap, JSC (2nd Ed)
5. Sanskar, Kusanskar : Vigyan Chetanar Alope, JSC (3rd Ed)
6. Protidiner Projukti, PBVM
7. Albert Einstein, ISC (2006)
8. Samakal of Bigyan, JSC (2007)
9. Sukrer Saran, SC (2004)
10. Anga diye jiban joy, PBVM, East Midnapore, 2007
11. Byreaner barnamala, PBVM, 2008

(Co author of books on science awareness)

12. Manabdaradi bigyani Albert Einstein, PBVM
13. Ek bikalpo biswer sandhane, PBVM
14. Surja – O – Saura Kalanka, PBVM

(Co-author of books on environment education)

15. PARIBESH – for students of class X under WBBSE, published by WBBSE
16. Paribesh Prasanga (Vol I) for students of UG and PG courses on environment, published by IDEA
17. Paribesh Prasanga (Vol II) for students of UG and PG courses on environment, published by IDEA

(Acted / acting as editor / editorial board member)

18. Editor, 'EJuger Vigyani' for last 8 years
19. Editorial board member, 'Jnan – o – Bigyan' for last 17 years
20. Editorial board member, 'Janavigyaner Istahar (2006 – 2006)
21. Editorial board member, 'People's Science

V BOTANY (13)

7. DR. TAPAN KUMAR MISHRA (13)

1. 'Forest vegetation and Soil'; published by Indian council of Indian Council of Forestry Research and Education (ICFRE), Dehradun (co-author) (1996)
2. 'Banglar Ban-Jangal', (Bengali), Paschim banga Vignan mancha (1998)
3. Prangan Bikshan; (Bengali), Centre for natural Studies, Raja N. L. Khan College, Midnapore
4. 'Flora Spectrum – a view of IIT Kharagpur' published by Nehru Museum of Science and Technology, IIT Kharagpur (2001)
5. 'Baichitramay jaiba Baichitra'; (Bengali), Paschim Banga Vignan Mancha (2002)
6. 'An omnibus of Non – timber forest products of India', International Book Distributors, Dehradun (2004) (Co-author)
7. 'Forest Realities: institutional, ecological and Economic Assessment of Joint Forest Management in West Bengal', centre for Natural Studies, Raja K. L. khan College, Midnapore (2005)
8. 'Paribesh Prasanga' (Vol I), edited volume (Bengali), Institute for Development and Environmental Awareness (2006) (Co-author)
9. 'Paribesh Prasanga' (Vol II), edited volume (Bengali), Institute for Development and Environmental Awareness. (2007) (Co-author)

Other important publications:

10. Contributed to WORLD RESOURCES : 2001 – 2001 People and Ecosystems – the fraying web of life on JFM of West Bengal – published by UNDP, UNEP, The World Bank and WRI.

11. Contributed to 'Medicinal and Aromatic Plants of West Bengal – Midnapore' (2001), jointly by West Bengal Academy of Science and Technology & DST, Kolkata.
 12. Contributed to 'Medicinal and Aromatic Plants of Red Laterite Region - West Bengal (2004), jointly by West Bengal Academy of Science and Technology & DST, Kolkata and Department of Bio technology (Govt. of West Bengal)
8. DR. SUKANYA BHATTACHARYA (1)
1. Anticancer Botanicals, published by Daya Publishing House, New Delhi (2006)

VI GEOGRAPHY

9. DR. JYOTIRMOY MUKHOPADHYAY (2)

1. প্রাথমিক ভূগোল, Part I (1979) - পুঁথিপত্র
2. প্রাথমিক ভূগোল, Part II (1980) - পুঁথিপত্র

10. DR. UTTAM MUKHOPADHYAY (16)

- | | | | | | |
|-----|--------------------------|------------------|-------------------------|-------------------|---------------|
| 1. | ভূগোল প্রসঙ্গে | Class VI | 2004 | } শিলালিপি | |
| 2. | ভূগোল প্রসঙ্গে | Class VII | | | |
| 3. | ভূগোল প্রসঙ্গে | Class VIII | | | |
| 4. | Geographica | Class VI | 2004
English Version | | |
| 5. | Geographica | Class VII | | | |
| 6. | Geographica | Class VIII | | | |
| 7. | মাধ্যমিক ভূগোল | Class IX & X | } দীপ প্রকাশন | | |
| 8. | মাধ্যমিক ব্যবহারিক ভূগোল | Class IX & X | | | |
| 9. | মাধ্যমিক ভূগোল নবম | } ত্রিপুরা বোর্ড | | | |
| 10. | মাধ্যমিক ভূগোল দশম | | | | |
| 11. | ব্যবহারিক ভূগোল | Class VI | | | } দীপ প্রকাশন |
| 12. | ব্যবহারিক ভূগোল | Class VII | | | |
| 13. | ব্যবহারিক ভূগোল | Class VIII | | | |
| 14. | উচ্চমাধ্যমিক ভূগোল | Class XI | | } নবভারতী প্রকাশন | |

15. উচ্চমাধ্যমিক ভূগোল Class XII
16. Economic Geography Class XI }
17. Economic Geography Class XI } Avishek Publishers
18. ভূগোল B.A. Pass 1st year }
19. ভূগোল B.A. Pass 2nd year } Avishek Publishers
20. ভূগোল B.A. Pass 3rd year }

ADDENDUM – III.3

List of Articles published by Faculty

I BENGALI (17)

1. DR. SOHINI GHOSH

1. তিনি অলোক পান্না, 'খোঁজ এখন', (2003)
2. মনসামঙ্গল থেকে চাঁদ বনিকের পালা, 'বাংলা নাটক ও নাট্য', (2004)
3. ইলিয়ামের গল্পো, 'নীললোহিত, বিশেষ পরিবেশ ও মনন সংখ্যা', (2004)
4. ইতিহাস ও রমণিকতায় যুক্ত বেণি, 'মহাশ্বেতা দেবী, অরণ্যের অধিকার', (2005)
5. বালিকার গোল্লা ছুট, 'খোঁজ এখন', (2005)
6. ইকুশের ভাবনা, 'শিক্ষায়তন কলেজ ম্যাগাজিন', (2005)
7. নন্দ কান্ড নন্দ ঝুটি, 'শুভশ্রী', (2006)
8. স্মৃতিরতা থেকে জগমাতা, 'পথ ও পর্যালোচনা', ed Alok Roy, 2007
9. গৌরকিশোর ঘোষ ও দেশভাগ, 'সমাজ ও সংস্কৃতি' ed Bhuria Ikbāl (2007)

2. DR. ABHIJIT LAHIRI

1. সুখি গৃহকোণ, (2002)
2. সুখি গৃহকোণ, (2002)
3. যে পারে সে আপনি পারে, সুখি গৃহকোণ, (2003)
4. মিলতে হবে দুজনে, সুখি গৃহকোণ, (2003)
5. ভাগ্যিস শূণ্যতার আভাবটুকু, সুখি গৃহকোণ, (2003)
6. বিলাস নাকি দেখানেপনা, সুখি গৃহকোণ, (2003)
7. অবুঝপনার সরিক আমরা সবাই, সুখি গৃহকোণ, (2004)
8. নেছক কর্ম বিমুক্ত নয়, সুখি গৃহকোণ, (2004)

II ENGLISH (1)

3. DR. PURNIMA CHAKRABORTY

1. Murder of Reger Acroyed – A collection of critical essays, 2001

III HISTORY (10)

4. ISHITA CHAKRABORTY

1. মেয়েলি দেখা, প্রতিরোধ ও পুনরুদ্ধার, খোঁজ এখন, (2003)
2. Gender Body and Gender Nation, theme – India, Kolkata (2005)
3. পিঞ্জরের থেকে পিঞ্জরে - যথ ইতিহাসের খোঁজে, নারী, (2005)

4. ছাত্রদের স্মৃতিতে অধ্যাপক জেতেন্দ্রলাল বন্দোপাধ্যায়, বেদ্যাসাগর কলেজ স্মারক গ্রন্থ, (2005)
5. Review Articles, 2002, 2003, 2003, 2004, 2006, 2006

IV POLITICAL SCIENCE (5)

5. SUMITA CHATTOPADHYAY

1. বিপিনচন্দ্র পালের রাজনৈতিক দর্শন, ইতিহাস অনুসন্ধান, (2003)
2. শুধুতারা নয়, আক্রান্ত আমরা, 'Other Voice', special edition on Iraq War, 2003
3. মার্কসবাদ ও নারীবাদ 'খোঁজ এখন', July (2003)
4. আগ্রাসি আমেরিকা নিশ্চুপ চীন, 'Anustup' (2004)
5. Rituals Identities and Politics, Women Realities, Annual Journal of Vidyasagar College, in Press, (2008)

V CHEMISTRY (31)

6. DR. ARUNAVA MISRA

Science Articles

1. Surjer Moto Ujjal Rachel (An article on the occasion of death centenary of Rachel Carson), KB, Vol 18, issue – 6, 2007, p-6
2. Akasher Alo (an article on Sky watching), KB, Vol – 17, issue – 6, 2006, pg – 16
3. Nirab Basnter Charti Dasak (An article on 40 years on Silent Spring) Ganashakti, 6, 10, 2003
4. Samskar O Bigyan (An article on superstition and science), Dakhineshwar Banibhaban Vidyapith Patrika, 2002
5. Juktibadi Manush Koi (An article on Rationalistic Outlook) published in a Souvenir
6. Moraviyar Sai Sahriday Jubak, Tamil Selvi O Amra (An article on eye and body donation), Jnan O Bijnan, 2005
7. Bangali Hridye Purnagrash (an article on Total Solar Eclipse 1995), Ganashakti, 2.20.95
8. Ekjon Patha Pradarshak Jiba Bigyani (An article on Vesalius) Jnan O Bijnan, 2006
9. Bigle Pathiker Diar (an article on Darwin's Voyage on Bigle) Apanjan, 2006
10. Badha Pele Badhbe Lardai (An article on fighting Superstitions) Souvenir of PBVM, 2003

11. Paribesh Ghire Rajniti (An article on Environment & Politics), Banglar Abhas, 2003
12. Paribesh O Daridra (An article on Environment & Poverty), Jana Vigyaner Istehar, 1999
13. Bigyan Siksha O Bigyan Chetana (An article on Science Education and Scientific Awareness), Jnan O Bijnan, 2005 (April)
14. Einstein, Snati O Sada Phosphorous (An article on War & peace), Souvenir of PBVM Conference, 2006
15. Dui Bigyani, Duti Boi, Dui Diganta (An article on Febrica & De Revolutionibus & their authors), Dakhineshwar Bahibhaban School Magazine, 2003
16. Agni Bristi (An article on use of white phosphorous in Iraq), Ganashakti, 1.2.2006
17. Kara Hantche Amader Tulo Sarse ar Bhuttar Kshete (An article on Genetic Modification in agriculture and its effect), Ganashakti
18. Amader Basmati, tader Basmati (an article on patenting Basmati rice), Jnan O Bijnan, July 2004
19. Pakhi Dekhadekhi (An article on Bird Watching), Jnan O Bijnan, July 2002
20. Kau Ki Ache Dure Ba Kache (An article on life in other planet), Apanjan
21. Lio Zilard Er Biswa (Zilard and his World view), Jnan O Bijnan, 2003
22. Rokeyar Bigyan Manashikata (An article on science awareness of Began Rokeya), Jnan O Bijnan
23. Amar Sir Prof. Nityananda Saha (An obituary to scientist – Administrator N. Saha) Jnan O Bijnan, May 2005
24. Kemon Kore hariye Galo Bibharera (An article on extinguished animal Bibhar), Jnan O Bijnan
25. Agent Orange : Amerikar Rasayanik Juddha (An article on US Chemical warfare using agent orange), Ganashakti, 18 July, 2004
26. Pakhiburo (An article on Salim Ali), Apanjan, 2004
27. Surjer Upar Suerer Saran (An article on Transit of Venus), Jnan O Bijnan, June 2004
28. Dorothi (an article on Dorothi Hodgekin), Jnan O Bijnan, 2004
29. Ganahatyar Gujarate (on Gujarat Genocide), Janavigyaner Ishtehar, 2002
30. Paramanur Sakti, Panch Dasaker Golpo (An article on development of nuclear energy), Janavigyaner Ishtehar, 2002
31. Chotto Sai Cheleti (An article on childhood days of Darwin), Jnan O Bijnan, 2007

Book review: Reviewed more than 20 popular science books in established journals.

Published Science based / Non Science based rhymes: Published nearly 50 rhymes in various Science Periodicals.

VI GEOGRAPHY (15)

7. SM. SIKHA CHATTOPADHYAY

1. অম্প্রল, অম্প্রলিকতা ও অম্প্রলিকরণ, Prakriti, (2002)
2. সামাজিক ভূগোম ও নারী সমস্যা, খোঁজ এখন, (2003)
3. ঐতিহাসিক পটভূমিকায় পশ্চিমবঙ্গর সামাজিক সমস্যা - Dakhineswar Bharati Bidya Bhavan, (2003)
4. Srinagar – Settlements with homologous names, ‘Traverse’. Presidency College, Kolkata – 700 006, Jan (2006)
5. বাঙলার অরণ্য, বঙ্গদর্পন, Vol - 4 (in press), (2008)
6. সামাজিক ভূগোলের কথা প্রসঙ্গে (2004, 2005)
 - (i) ভূমি ও মানুষ
 - (ii) জনবসতি ও ভূগোল শিক্ষা পথ

8. SM. ANINDITA GHOSH

1. ভূমি ও মানুষ, (2004, 2005)
 - (i) বিষয় সমীক্ষা
 - (ii) প্রসঙ্গ অম্প্রল ও অম্প্রলিকরণ
 - (iii) ভূগোলের নব দিক দর্শন
2. ভূগো অঙ্কনে, Oct, Nov (2006), Ratzel - Tatta - O - German Geo Politics
3. ভৌগলিক বিপর্যয় উন্নয়নকামী মানুষ, 2007
4. Literacy of Parameter Development, a case study of WB, 2008 (in press)

9. DR. JYOTIRMOY MUKHOPADHYAY

1. Mayner Banya Samasya, Vidyasagar College Teachers’ Journal, (1993)
2. Geomorphology and Environment (Prof. S. R. Basu felicitation Volume), Complexity in Geographic explanation – some cases, 2004
3. dimensions of environment and development (prof S. Munshi felicitation volume), Concept of Human Well-being and its relevance in Geography, 2006
4. Hazard Perception and Disaster Management, Journal of Shivnath Shastri College, 2007
5. Appraisal of Possibility of river bank Erosion (in press, 2008)

ADDENDUM – III.4

List of Conferences / seminars by Faculty

(Abstracted = 479 +, Presented = 117 +)

Name of Faculty	SEMINARS		Name of Faculty	SEMINARS	
	Attended	Paper Presented		Attended	Paper Presented
BENGALI 1. Partha Chatterji 2. Sohini Ghosh 3. Abhijit Lahiri	5 12 9	0 8 0	COMPUTER SCIENCE 1. Paramita Sikdar	5	1
ENGLSIH 1. Purnima Chakroborty 2. Indrani Sengupta	1 3	- -	BOTANY 1. Sukanya Bhattacharya 2. Swati Moitra Sen 3. Debisri Dutta 4. Tapan Kr. Mishra	10 4 13	4 - -
GEOGRAPHY 1. Jyotirmoy Mukhopadhyay 2. Sikha Chatopadhyay 3. Anindita Ghosh 4. Uttam Mukherjee 5. Jhuma Halder	3 3 6 17 1	3 x 3 x	PHYSIOLOGY 1. Aindrila Chattopadhyay 2. Alope Ghosh Chowdhury 3. Chandana Sarkar	6 15 23	- 11 11
HISTORY 1. Ishita Chatterjee 2. Bhaswati Chatterjee	4 14	4 2	ZOOLOGY 1. Surya Sankar Pankigrahi 2. Sheela Roy 3. Nirmal Debnath 4. Gobinda Ch. Sadhukhan 5. Indrani Sarkar	11 11 17 16 1	11 - 1 8 -
POLITICAL SCIENCE 1. Sumita Chattopadhyay 2. Chitrita Chaudhuri	30 8	- -	CHEMISTRY 1. Sanjoy Kr. Bhattacharya 2. Shyamal Kr. Banerjee 3. Mridula Basu 4. Arunabha Misra 5. Jayati Mal 6. Nirmalendu Mukhuti 7. Ranjit Kr. Shit 8. Sharmila Bhattacharya 9. Kakali Sen	6 8 6 13 20 15 26 30 5	- - - 13 5 5 1 .17 3
ECONOMICS 1. Runa Roy 2. Soumen Sarkar	3 5	2 -	PHYSICS 1. Susil Kr. Sarkar 2. Sougata Bhattacharya 3. Sukanya Dasgupta 4. Uma Bhaumik 5. Krishna Mitra	11 4 7 8 9	- 4 3 - -
SANSKRIT 1. Sukriti Lahiri 2. Sudipa Bandhopadhyay	2 16	0 -	BIO CHEMISTRY 1. Subarna Gupta	7	-
JOURNALISM 1. Sonarekha Chattopadhyay	2	-	MATHEMATICS 1. Sabitri Tah 2. Susanta Sarkar	7 6	- -
PHILOSOPHY 1. Dipannwita Chakroborty 2. Madhumita Mitra	4 11	- 2			

ADDENDUM - IV.1

SPACE UTILIZATION - (A) 39, SANKAR GHOSH LANE CAMPUS				
Lecture Room	Student Capacity	Length	Breadth	Area
B	80	34	29.5	1003
C	80	34	29	986
D	80	34.5	14.5	500.25
E	60-70	28	30	840
J	90	35	31	1085
L	60	29	24	696
K	50	28	19	532
3	60	33.5	22.5	753.75
4	30	17	18	306
5	50	16	25	400
9	60	36.5	25	912.5
20	40	18	19	342
8	30-35	15.5	25	387.5
X	70	38	24	912
M1	25-70	23.5	9.5	223.25
M2	25-70	20	9	180
10A	30-35	19	34	646
10B	30-35	19	43	817
10C	30-35	19.5	14.5	282.75
2	60	14	11	154
GROUND FLOOR	PURPOSE OF THE ROOM			SPACE
	1. Student Union room			200Sq.ft.
				150Sq.ft.
				200Sq.ft.
	4. Night Watchman's room			150Sq.ft.
	5. Generator room(E)			100Sq.ft.
	6. Cheap store			70Sq.ft.
	7. Ladies common room			300Sq.ft.
	8. Gents common room			500Sq.ft.
	9. Vidyasagar college computer centre			400Sq.ft.
	10. Pump room			50Sq.ft.
	11. Toilet Gents-2, Ladies-1			
	12. Canteen			600Sq.ft.
1ST FLOOR				
	1. Principal's room			200Sq.ft.
	2. Staff room			600Sq.ft.

	3. Office room-3 (2-N&E)	1200Sq.ft.
	4. Chemistry departmental staff room and store room	800Sq.ft.
	5. Physics department staff room & store	200Sq.ft.
	6. Electronic dept staff room	100Sq.ft.
	7. Toilet Staff-4, Gents-2	
	8. Meeting room	400Sq.ft.
SECOND FLOOR	PURPOSE OF THE ROOM	SPACE
	1. NAAC office	200Sq.ft.
	2. Toilet-1 Ladies	800Sq.ft.
	3. Library (Morning)	
	4. Geography staff room	170Sq.ft.
THIRD FLOOR	1. Toilet-1 General	
	2. Zoology staff room	
	3. Botany staff room	
	4. Physiology staff room	
	Laboratory Allotment	SPACE
	Zoology-2 Lab	1600Sq.ft.
	Botany-3 Lab(1 Pathology)	1200Sq.ft.
	Physiology-1 Lab	900Sq.ft.
	Physics-5 Lab	3000Sq.ft.
	Chemistry-4 Lab	3000Sq.ft.
	Maths-1 Lab	200Sq.ft.
	Geo-3 Lecture room cum Practical Lab	1800Sq.ft.

ADDENDUM - IV.2

SPACE UTILIZATION - (B) BIDHAN SARANI CAMPUS			
GROUND FLOOR			
Class Room	SPACE	Student Capacity	ROOM FOR OTHER PURPOSE
001`	400Sq.ft.	40	1. Lounge - 600Sq.ft.
002	400Sq.ft.	40	2. One small room - 150Sq.ft.
003	200Sq.ft.	20	3. Math lab - 200Sq.ft.
004	400Sq.ft.	40	4. Ladies toilet
			5. Space for gymnasium
	PURPOSE OF THE ROOM		SPACE
1ST FLOOR	1. Seminar room		1000Sq.ft.
	2. Computer department staff room		150Sq.ft.
	3. Computer hardware lab		300Sq.ft.
	4. Computer software lab		400Sq.ft.
	5. Computer microprocessor lab		200Sq.ft.
	6. Principal's room		400Sq.ft.
	7. Professor's room		400Sq.ft.
	8. Gents toilet		
	9. Library		3000Sq.ft.
SECOND FLOOR	1. Physiology lab		400Sq.ft.
	2. Electronic sc lab		400Sq.ft.
	3. Journalism lab		400Sq.ft.
	4. Geography GIS lab		200Sq.ft.
	5. Biochemistry lab		200Sq.ft.
	5. UGC minor research room		200Sq.ft.
	6. Class room(202)		400Sq.ft.
	7. Class room(208)		400Sq.ft.
	8. Ladies toilet		
	PURPOSE OF THE ROOM		SPACE
THIRD FLOOR	1. PG-Lecture theatre		600Sq.ft.
	2. PG-General lab		600Sq.ft.
	3. 3 PG Special labs		200×3=600Sq.ft.
	4. PG Library		200Sq.ft.
	5. PG Staff room		150Sq.ft.
	6. Class room(308)		400Sq.ft.
	7. Class room(308)		200Sq.ft.
	8. Class room(310)		200Sq.ft.
	9. Gents toilet		

ADDENDUM – IV.3

Laboratory facilities - Availability of space

Department of Botany

Approximate area of the staff room of the Deptt : $13 \times 9.5 = 123.5$ Sq.ft.
Approximate area of the Laboratory of the Deptt : $23 \times 38 = 874$ Sq.ft.

Department of Zoology

Total floor area of the Department is 1901 sq.ft.

Department of Physiology

Space	No	Area (Sq. ft.)
Honours and Pass Combined Laboratory	01	1089.38
Teachers' Room	01	132.50
Class Room for Hons. (Mezzanine South)	01	152.00
Computer Room	01	45.80
Total space available is 1599.68 sq.ft.		

Department of Physics

Total Laboratory space: 4379.5 sq. ft.
For general : 1872 sq.ft.
For Honours : 2507.5 sq.ft.

Department of Chemistry

Room No	Uses	Area
12	Ground Floor – Organic & Inorganic Honours Lab	$36.5 \text{ ft} \times 24 \text{ ft} = 876 \text{ sq.ft}$
24	1st Floor – Physical Chemistry Honours Lab	$32.5 \text{ ft.} \times 14 \text{ ft } 4 \text{ in} = 464.43 \text{ sq. ft.}$
27	Ground Floor – General Lab Common to three Colleges	$42 \text{ ft} \times 24 \text{ ft} = 1008 \text{ sq. ft.}$
33	Ground Floor – General Lab Common to three Colleges	$32 \text{ ft. } 2 \text{ in} \times 20 \text{ ft } 5 \text{ in} = 656.38 \text{ sq. ft.}$
Balance Room	Honours Common (Gen.)	$28 \text{ ft} \times 4 \text{ ft. } 6 \text{ in.} = 126 \text{ sq. ft.}$ $48 \text{ ft. } 10 \text{ in} \times 4 \text{ ft. } 6 \text{ in.} = 219.7 \text{ sq. ft.}$
Lab sitting space	Common Ground Floor First Floor	$20 \text{ ft. } 8 \text{ in} \times 11 \text{ ft } 6 \text{ in} = 237.59 \text{ sq.ft.}$ $12 \text{ ft.} \times 13 \text{ ft} = 156 \text{ sq. ft.}$

	Computer Common Room cum COSCIP Library	10 ft 5 in x 4ft 9 in=49.44 sq.ft.
	Store room	17 ft. 4 in x 8 ft 6 in =147.30 sq. ft.

Department of Mathematics

One room of dimension 16ft x 12ft

Department of Geography

Total space available is 590 sq.meter (approx)
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Department of Computer Science

Computer Hardware Lab	300 sq. ft.
Computer Software Lab	400 sq. ft
Staff Room	150 sq. ft.
Microprocessor Lab	200 sq. ft.

Department of Electronics Science

Existing Space	12 x 11 = 132 Sq. ft.
Space to be provided in Bidhan Sarani campus	32 x 12 = 384 Sq. ft.

VIDYASAGAR COLLEGE
POST GRADUATE SECTION (ZOOLOGY)
39, SANKAR GHOSH LANE, KOLKATA – 700 006

BALANCE SHEET, AND INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST MARCH, 2006

D.K. TEKRIWAL & CO.
CHARTERED ACCOUNTANTS
E-12/6, INDRALOK ESTATE,
PAIK PARA, KOLKATA – 700 002

AUDITOR'S REPORT

1. We have audited the attached Balance Sheet of the Post Graduate Section (Zoology) of Vidyasagar College 39, Sankar Ghosh Lane, Kolkata - 700 006 as at 31st March 2007 and also the annexed Income & Expenditure Account for the year ended on that date.

2. These financial statements are the responsibility of the Management of the Institute. Our responsibility is to express opinion on these financial statements based on our Audit.

3. We conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing accounting principles used and significant estimates made with the estimate related disclosure made by Management as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

We further report that: -

- a) We have obtained all the information and explanation which to the best of our knowledge and belief where necessary for the purpose of our audit.
- b) The Balance Sheet and the Income & Expenditure Account dealt with the report are in agreement with the books of accounts.
- c) In our opinion and to the best of our information and according to the explanation given to us, the statements together with the schedules give a true and fair view:
 - i. In the case of Balance Sheet of the state of affairs as 31st March 2007 and
 - ii. In the case of Income & Expenditure Account of the deficit for the year ended on the date.

For D.K. TEKRIWAL & Co.
Chartered Accountants



(Signature)
(D.K. TEKRIWAL
Proprietor
MEM. NO.53344

PLACE: KOLKATA

DATED: THE 20th DAY OF December 2007

VIDYASAGAR COLLEGE(P.G)
39,Sankar Ghosh Lane
Kolkata – 700006

Audit observation and significant Accounting policies and Notes on Accounts for the financial Year 2005-2006

- 01) Method of Accounting employed by college is generally Cash basis.
- 02) This being the first year of Post Graduate section hence bank account could not be opened.
- 03) Fees collected by Vidyasagar College and lying with the college in General Fund Account and the expenses made out of this for P.G Section as and when required.
- 04) D epreciation have been provided on Furniture and Library books @ 10% and 2% respectively.
- 05) Fees collected from the P.G. students by Vidyasagar College lying in suspense account which is required to be adjusted but the same has been adjusted in the year 2006-2007.

For D.K. TEKRIWAL & CO.
Chartered Accountants

(Signature)
TEKRIWAL
Chartered Accountant



VIDYASAGAR COLLEGE
POST GRADUATE SECTION (ZOOLOGY)
39, SANKAR GHOSH LANE, KOLKATA - 700 006

BALANCE SHEET, AND INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST MARCH, 2007

D.K. TEKRIWAL & CO.
CHARTERED ACCOUNTANTS
E-12/6, INDRALOK ESTATE,
PAIK PARA, KOLKATA - 700 002

AUDITOR'S REPORT

1. We have audited the attached Balance Sheet of the Post Graduate Section (Zoology) of Vidyasagar College 39, Sankar Ghosh Lane, Kolkata – 700 006 as at 31st March 2007 and also the annexed Income & Expenditure Account for the year ended on that date.

2. These financial statements are the responsibility of the Management of the Institute. Our responsibility is to express opinion on these financial statements based on our Audit.

3. We conducted the audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing accounting principles used and significant estimates read with the estimate related disclosures made by Managements as well as evaluating the overall financial statement presentation. We believe that our audit provides reasonable basis for our opinion.

We further report that: -

- d) We have obtained all the information and explanation which to the best of our knowledge and belief where necessary for the purpose of our audit.
- e) The Balance Sheet and the Income & Expenditure Account dealt with the report are in agreement with the books of accounts.
- f) In our opinion and to the best of our information and according to the explanation given to us, the statements together with the schedules give a true and fair view.
 - i. In the case of Balance Sheet of the state of affairs as 31st March 2007 and
 - ii. In the case of Income & Expenditure Account of the surplus for the year ended on the date.

For D.K. TEKRIWAL & CO.
Chartered Accountants


(D.K. TEKRIWAL)
Proprietor
MEM. NO.53344

PLACE: KOLKATA

DATED: THE 24th DAY OF December 2007

✓
VIDYASAGAR COLLEGE(P.G)
39,Sankar Ghosh Lane
Kolkata – 700006

**Audit observation and significant Accounting policies and Notes on
Accounts for the financial Year 2006 - 2007**

- 01) Method of Accounting employed by college is generally Cash basis.
- 02) Bank Account was opened on dated 12.07.2006 with Indian Overseas Bank ,Sreemani Market Branch ,Kolkata-700006 in the name of Vidyasagar College P.G. Fund Savings Bank P.G.Account No. 6988.
- 03) Various Fees received by college have been verified with the entries in related Pass Book and Cash Book produced before us.
- 04) Fixed Assets register maintained by the college and physical verification was done.
- 05) Depreciation have been provided on Furniture, Laboratory Apparatus and Library books @ 10% and 2% respectively.
- 06) Various Fees collected from the P.G. students by Vidyasagar College for the year 2005-2006 was adjusted with the financial year 2006-2007.

D.K. TEKRIWAL & CO.
Chartered Accountants

Sanjay
TEKRIWAL
Partner



VIDYASAGAR COLLEGE

39, SANKAR GHOSH LANE, KOLKATA - 700006

AUDIT REPORT

For the year ended 31st March, 2006

D. K. TEKRIWAL & CO.

Chartered Accountants

*E-12/6, Indralok Estate, Paik Para
Kolkata - 700002*

AUDITORS' REPORT

We have audited the attached Balance Sheet of the Vidyasagar College, 39, Sankar Ghos Lane, Kolkata - 700006 as at 31st March, 2006 and also the Receipts and Payment Account and Income and Expenditure Account for the year ended on that date and annexe thereto and report that these financial statements are the responsibility of the manager of the College. Our responsibility is to express an opinion on these financial statement based on our audit.

We conduct the audit in accordance with auditing standards generally accepted in India. Those standards require that we plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit include examining on a test basis, evidence supporting the amounts & disclosure in the financial statements. An audit also includes assessing the accounting principles used & significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides reasonable basis for our opinion.

We report that :

- i) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.
- ii) In our opinion proper Books of accounts as required by law have been kept by the College so far as it appears from our examination of those books.
- iii) The Balance Sheet, Income and Expenditure Accounts and Receipts and Payment Account along with Schedule No. A to S dealt with by this report are in agreement with the Books of Accounts.
- iv) In our opinion & to the best of our information & the explanations given to us and as shown by the books of the College, the financial statements together with note thereon and subject to our following notes given hereunder 3(a) to 3(f), the said accounts give a true & fair view in conformity with the accounting principles generally accepted in India :-
 - a) In the case of Balance Sheet, of the state of affairs of the College as at 31st March, 2006.
 - b) In the case of Income & Expenditure Account of the excess of Income over Expenditure for the year ended on that date



3. We further report that :-

- a) Fixed Assets : We could not physically verify the various fixed assets as shown in Schedule 'A' annexed with this Balance Sheet, as the College Authority has not maintained the Fixed Assets Register showing the item wise location, cost, depreciation and written down value either acquired by the College or acquired out of UGC and other grants, further the valuation of the Land & Building certified by the Competent authority was not made as on 31.03.2006, as such we could not comment on the existence, condition, ownership and value of such assets appearing on the Balance Sheet.
- b) Depreciation on Assets acquired out of grant : The college has been charging depreciation on assets acquired out of grant in the Income and Expenditure Account except addition made during the relevant year, but the corresponding amount has not been credited in the Income and Expenditure Account from the relevant capital grant account. Moreover, records for assets acquired out of grant & out of college fund are not maintained separately. The College authority did not provide us the details of calculation of depreciation on assets acquired out of grant. So, the effect of such could not be quantified in the excess of Income and Expenditure Account.
- c) Fees Reconciliation Statement : It is not prepared by the College and is not furnished to us as the income from fees was accounted for on the basis of cash system of accounting followed by the College and the College has been recording the various collections at a later date on the basis of advice received from the Bank.
- d) Interest on earmarked investment : The interest on earmarked investment has been considered on cash basis. The college authority did not provide us the details of calculation on cash basis as such the effect of shortage/excess of interest calculated under cash basis over the accrual basis in the excess of Income over Expenditure in the Income and Expenditure Account has not been reflected.
- e) Bank Reconciliation Statement : The institute has shown stale cheques in the Bank Reconciliation Statement rather than considering it in the Accounts.

Place : Kolkata

Date :

04 FEB 2008

For D. K. TEKRIWAL & CO.
Chartered Accountants
(D. K. Tekriwal)
Proprietor

TO,
THE PRINCIPAL
VIDYASAGAR COLLEGE
39, SANKAR GHOSH LANE,
KOLKATA – 700 006

10.03.2008

Sub: Audit for the year 2006 – 2007

Dear Sir,

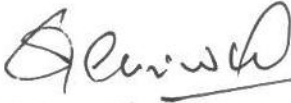
This is to certify that we are conducting the Audit of the accounts of your college for the abovementioned year and the audit work for the same is under progress. As soon as the audit of the accounts will be finalized we will submit the audit report to you.

This is for your information and necessary action.

Thanking You,

Yours Faithfully,

For D.K. TEKRIWAL & CO.
Chartered Accountants


(D.K. TEKRIWAL)
Proprietor



MEMBERSHIP NO. 53344