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Preface

Our college has completed sixty nine years of its glorious existence in 2010 and has served the cause of higher education in the city of Kolkata and its suburbs. It is our firm belief that a college does not merely provide text book knowledge to student, but also equips them with essential inputs such as values, attitudes towards life, sense of responsibility and awareness about the people and the society they live in. Students grow and mature into young intellectuals and activists while they pass through college days. We take pride in the fact that this college offers the proper and right kind of environment to our students to fulfill these aims and the members of the faculty of different subject in this college help them to achieve this.

Since the establishment of NAAC in 1994, the quest for all round quality development has been gaining momentum. The challenge of globalization of education has further accelerated the urge. Healthy competition has cropped up. Like all other higher educational institution we have also desired to reach the target of becoming assessed and consequently well accredited by the NAAC.

As a result of combined and continuous effort (participation of Teaching and Non-teaching staff, Members of the Governing Body and Members of the Students' Union) we are able to prepare the SSR. Now we would like to complete the assessment and accreditation process by warmly inviting the NAAC Peer Team to our College.

Teacher in Charge
Maharaja Manindra Chandra College
Kolkata

Part I: Institutional Data

A. Profile of the College

1. Name and address of the college:

Name: Maharaja Manindra Chandra College

Address: 20, Ramkanto Bose Street

City: Kolkata

District: Kolkata

State: West Bengal

Pin code: 700003

Website: www.mmcollege.org

2. For communication:

Office

Name	Area/ STD code	Tel. No.	Fax No.	E-mail
Principal(Teacher-in-Charge): Dr. Amit Kumar Chatterjee	(033)	25554562	25555565	drchatterjee_amit@yahoo.co.in
Vice Principal	-	-	-	-
Steering Committee Coordinator : Dr. Diptendu Bhusan Dutta	(033)	25554562	25555565	-

Residence

Name	Area/ STD code	Tel. No.	Mobile No.
Principal(Teacher- in-Charge): Dr. Amit Kumar Chatterjee	-	-	09831020977
Vice Principal	-	-	-
Steering Committee Coordinator : Dr. Diptendu Bhusan Dutta	-	-	09830305440

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
15 th	July	1941

b) University to which the college is affiliated (If it is an affiliated college)

or which governs the college (If it is an constituent college)

University of Calcutta

6. Date of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)		
ii. 12 (B)		

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

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

Yes ☒ No ☐

If yes, has the college applied for autonomy?

Yes ☐ No ☒

8. Campus area in acres/sq.mts:

0.4345 acres

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
i).	Under-graduate	<u>A. Hons. Prog.</u> 1.Bengali 2.English 3. Political Sc. 4.History 5.Philosophy 6.Hindi 7.Journalism and Mass Communication 8. Physics 9. Chemistry 10.Mathematics 11.Computer Sc 12.Economics 13.Commerce <u>B. General Prog.</u> 1. B.A. 2.B.Sc.(Pure) 3.B.Sc.(Bio) 4. B.Com. <u>C. Major Course</u> 1. B.Sc. 2. B.Com.	3 years	Passed in 10+2 level examination	English and Bengali (Hindi for the Dept. of Hindi)	<u>A. Hons. Prog.</u> 1. 60 2. 50 3. 50 4. 50 5. 50 6. 20 7. 30 8. 35 9. 35 10. 50 11. 30 12. 20 13.175 <u>B. Gen.</u> 1. 150 2. 35 3. 07 4. 150 <u>C. Maj. Course</u> 1. 25 2. 25	<u>A.Hons. Prog.</u> 1. 60 2. 40 3. 34 4. 28 5. 41 6. 12 7. 44 8. 31 9. 50 10. 47 11. 35 12. 06 13.226 <u>B. Gen.</u> 1. 169 2. 35 3. 07 4. 144 <u>C. Maj. Course</u> 1. 25 2. 19
ii).	Post-graduate	Nil	Nil	Nil	Nil	Nil	Nil

iii).	M. Phil	Nil	Nil	Nil	Nil	Nil	Nil
iv).	Ph. D.	Nil	Nil	Nil	Nil	Nil	Nil
v).	Certificate course	Functional English, Tourism and Travel Management, Journalism and Mass Communication, Videography and Video Editing, Computerized Financial Accounting	6 months and 1 year	Only the students doing B.A./B.Sc. /B.Com.in this college	English and Bengali		
vi).	UG Diploma						
vii).	PG Diploma		Nil	Nil	Nil	Nil	Nil
viii).	Any Other(specify)						

11. List of the Departments:

Science
Departments: Physics (including Electronics), Chemistry, Mathematics, Computer Science, Economics, Botany, Zoology, Statistics.
Arts (Language and Social sciences included)
Departments: English, Bengali, Hindi, Philosophy, History, Political Science, Journalism and Mass Communication
Commerce
Departments: Commerce
Any Other (Specify)
Departments:

12. Unit Cost of Education (*Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled*)

(a) including the salary component = Rs. 26780245.72 ÷ 2641 = Rs.10140.19

(b) excluding the salary component = Rs. 6071165.72 ÷ 2641 = Rs.2298.81

B) Criterion-wise Inputs

Criterion I: Curricular Aspects

1. Does the College have a stated

Vision?	Yes	<input checked="" type="checkbox"/>	No
Mission?	Yes	<input checked="" type="checkbox"/>	No
Objectives?	Yes	<input checked="" type="checkbox"/>	No

2. Does the college offer self-financed Programmes? Yes ☒ No ☐

If yes, how many?

9

Fee charged for each programme (include Certificate , Diploma, Add-on courses etc.)

Sl. No.	Programme (B.Sc., B. Com. etc.)	Fee charged in Rupees
1.	Computer Science (Hons.)	Rs.800 p.m.
2.	Computer Science (General)	Rs.200 p.m.
3.	Computer Application (Major)	Rs.400 p.m.
4.	Journalism (Hons.)	Rs.650 p.m.
5.	Electronics (General)	Rs.75 p.m.
6.	Statistics (General)	Rs.75 p.m.
7.	Botany (General)	Rs.75 p.m.
8.	Zoology (General)	Rs.75 p.m.
9.	Journalism and Mass Comm. (General)	Rs.75 p.m.

3. Number of Programmes offered under

a. annual system	85
b. semester system	Nil
c. trimester system	Nil

4. Programmes with

a. Choice based credit system

b. Inter/multidisciplinary approach

c. Any other, specify

Yes	✓	No		Number	79
Yes		No	✓	Number	
Yes		No	✓	Number	

5. Are there Programmes where assessment of teachers by students is practiced?

Yes	✓	No		Number	85
-----	---	----	--	--------	----

6. Are there Programmes taught only by visiting faculty?

Yes		No	✓	Number	
-----	--	----	---	--------	--

7. New programmes introduced during the last five years

UG	Yes	✓	No		Number	02
PG	Yes		No	✓	Number	
Others (specify)	Yes		No		Number	

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

~ One Year

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
-----	---	----	--	--------	----

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

Yes	✓	No		Number	03
-----	---	----	--	--------	----

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

a. Academic Peers?

b. Alumni?

Yes	✓	No	
Yes		No	✓

- c. Students?
d. Employers?
e. Any other?

Yes	✓	No	
Yes	✓	No	
Yes	✓	No	

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) ☐

(If more than one method is followed, kindly specify the weightages)

2. Highest and Lowest percentage of marks at the qualifying examination considered for admission during the previous academic year

Programmes (UG and PG)	Open category		SC/ST category		Any other (specify)	
	Highest (%)	Lowest (%)	Highest (%)	Lowest (%)	Highest (%)	Lowest (%)
BNGA	81	67.25	71	45.5	-	-
ENGA	83.75	74	81.25	62.0	-	-
PLSA	73.5	51	60.25	44	-	-
HISA	73.75	50	71.5	52.25	-	-
PHIA	80.75	51.25	48.25	43.5	-	-
HINA	66	50.25	63	59.25	-	-
JOURA	84	60.25	-	-	-	-
PHSA	85.75	55.75	75.75	59	-	-
CEMA	87	55.50	69.25	50	-	-
MTMA	84	54	71	59.75	-	-
CMSA	81.25	59	67	54	-	-
ECO A	77	58.75	-	-	-	-
COMMERCE	83.75	45.25	70	37.25	-	-
B.A.(General)	84.25	40	57	37.75	-	-

B.Sc.(Pure)	82	44.25	52.25	49.75	-	-
B.Sc.(Bio)	86.25	44.25	-	-	-	-
B.Com.(General)	71.25	59.5	72.25	34.75	-	-
B.Sc.(Major)	74.25	48.75	-	-	-	-
B.Com.(Major)	76.25	48.5	-	-	-	-

3. Number of working days during the last academic year

260

4. Number of teaching days during the last academic year

219

5. Number of positions sanctioned
and filled

Sanctioned/ Filled	
Teaching + Librarian	51 / 43
Non-teaching	35 / 17
Technical	Nil

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

Professors	M	Nil	F	Nil
Readers	M	08	F	06
Sl. Grade lecturers	M	06	F	10
Lecturers	M	07	F	09

b. Number of temporary teachers (gender-wise)

Lecturers – Full- time	M	Nil	F	Nil
Lecturers – Part- time	M	Nil	F	Nil
Lecturers (Management appointees) - Full time	M	05	F	06
Lecturers (Management appointees) -Part time	M	Nil	F	Nil
Any other (Guest Lecturer)	M	27	F	07
Total	M	32	F	13

c. Number of teachers

From the same State	88
From other States	Nil

* M – Male F – Female

7. a. Number of qualified/ permanent teachers and their percentage to the total number of faculty

Number	%
43	49

b. Teacher: student ratio

c. Number of teachers with Ph.D. as the highest qualification and their percentage to the total faculty strength

d. Number of teachers with M. Phil as the highest qualification and their percentage to the total faculty strength

e. Percentage of the teachers who have completed UGC, NET and SLET exams

f. Percentage of the faculty who have served as resource persons in Workshop/ Seminars/ Conferences during the last five years

1	30
23	26 %
11	13 %
13	15 %

g. Number of faculty development programmes availed by teachers

	1(session 2009)	2(session 2008)	3(session 2007)	4(session 2006)	5(session 2005)
UGC/ FIP programme	01	-	-	-	02
Refresher:	02	04	05	02	01
Orientation:	01	05	-	02	02
Any other (specify)	Nil	Nil	Nil	Nil	Nil

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, etc.	-	-	-	-	-
Research management	-	-	-	-	-
Invited/endowment lectures	-	-	-	-	-
Any other (specify)	-	-	-	-	-

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

Number	%
8	42

9. Does the college have the tutor-ward system?

Yes ☐ No ☒

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

N.A.

10. Are remedial programmes offered?

11. Are bridge courses offered? Yes No Number

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

Yes	✓	No		Number	13
Yes		No		Number	
Yes	✓	No		Number	3

13. Is there a mechanism for:

a. Self appraisal of faculty ?

Yes ☒ No ☐

b. Student assessment of faculty performance?

Yes ☒ No ☐

c. Expert /Peer 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 ☐

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
	09	21%
2. Research collaborations a) National If yes, how many?	Yes <input checked="" type="checkbox"/> 03	No <input type="checkbox"/>
b) International If yes, how many?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Is the faculty involved in consultancy work? If yes, consultancy earnings/ year (average of last two years may be given)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. a. Do the teachers have ongoing/ completed research projects? If yes, how many? On going Completed	Yes <input checked="" type="checkbox"/> 02 03	No <input type="checkbox"/>

b. Provide the following details about the ongoing research projects

Major projects	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	NIL	Agency	NIL	Amt.	NIL
Minor projects	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	03	Agency	U.G.C.	Amt.	~ 3 Lakhs and 10 Thousands
College Projects	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	NIL	Amt. NIL			
Industry sponsored	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	NIL	Industry	NIL	Amt.	NIL
Any other (specify)	Yes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Number	02 working as co-guide at University of Calcutta				
No. of student research projects	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	NIL	Amount sanctioned by college			NIL

5. Research publications:

International journals	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	96
National journals – refereed papers	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	166
College journal	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	38
Books	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	21
Abstracts	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	11
Any other (specify)	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	
Awards, recognition, patents etc. if any (specify)				Yes, 05 awards		

6. Has the faculty

a) Participated in Conferences?

Yes ☒ No ☐

Number 521

b) Presented research papers in Conferences?

Yes ☒ No ☐

Number 33

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 8 NCC 5
9. Number of NCC Cadets/units	M	60	F	10	Units	01
10. Number of NSS Volunteers/units	M	52	F	48	Units	01

Criterion IV: Infrastructure and Learning Resources

1. (a) Campus area in acres	0.4345			
(b) Built up area in Sq. Meters(*1 sq. ft. = 0.093 sq.mt)	6235.25			
2. Working hours of the Library : (a) On working days	10.30 am – 5 pm			
(b) On holidays	Closed			
(c) On Examination days	Closed			
3. Average number of faculty visiting the library/day (average for the last two years)	03			
4. Average number of students visiting the library/day (average for the last two years)	30			
5. Number of journals subscribed to the institution	12			
6. Does the library have the open access system?	Yes		No	✓

7. Total collection (Number)

a. Books

b. Textbooks

c. Reference books

d. Magazines

e. Current journal: Indian journal

Foreign journals

f. Peer- reviewed journals

g. Back volumes of journals

h. E-resources: CDs/ DVDs

Databases

Online journals

Audio- Visual resources

Titles	Volumes
11803	36223
11192	35527
615	946
	11
02	
Nil	
753	
55	

i. Special collections (numbers)

Repository(World Bank , OECD, UNESCO etc.)

Interlibrary borrowing facility

Materials acquired under special schemes(UGC, DST etc.)

Materials for Competitive examinations including Employment news, Yojana etc.

Book Bank

Braille materials

Manuscripts

Any other (specify)

Yes		No		No.	
	✓				06
	✓				03 p.w. 02 p.m.
	✓				3213

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 UGC	495	96346.74	538	99503.00
Reference Books UGC	06	1270.00	17	2012.00
Other books LDF	82	32384.70	192	77692.70
Journals/Periodicals	01	440.00	01	440.00
Encyclopedia				
Any other(specify)	12	5006.50	12	4482.50
Monthly Journal				

9. Mention the

Total carpet area of the Central Library (in sq. ft)	1202.60 Sq. ft.
Number of departmental libraries	12
Average carpet area of the departmental libraries	100 Sq. ft.
Seating capacity of the Central Library (Reading room)	100

10. Status of Automation of the Library

not initiated ☒

fully automated ☐

partially automated ☒

11. Percentage of library budget in relation to the total budget

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



Power back up



Information display and notification	<input checked="" type="checkbox"/>
User orientation /information literacy	<input checked="" type="checkbox"/>
Any other (specify)	
13. Average number of books issued/returned per day	23
14. Ratio of library books to the number of students enrolled	36223 : 837
15. Computer Facilities	
Number of computers in the college	65 + one Laptop
Number of Departments with computer facilities	06
Central computer facility (Number of terminals)	05
Budget allocated for purchase of computers during the last academic year	Proposed – Rs. 2,80,000/- Actual – Rs. 2,43,484/-
Amount spent on maintenance and upgrading of computer facilities during the last academic year	Proposed – Rs. 60,000/- Actual - Rs. 46,806/-

	Dialup	Broadband	Others (Specify)
Internet Facility, Connectivity	01	02	

Number of nodes/ computers with Internet facility	03
---	----

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	

18. Is there Residential accommodation for Faculty ?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Non-teaching staff ?	Yes	<input type="checkbox"/>	No
19. Are there student Hostels?	Yes		No	✓
If yes, number of students residing in hostels				
Male	Yes		No	Number
Female	Yes		No	Number

20. Is there a provision for

a) Sports fields

b) Gymnasium

c) Women's rest rooms

d) Transport

e) Canteen/Cafeteria

f) Students centre

g) Vehicle parking facility

Yes		No	✓
Yes	✓	No	
Yes	✓	No	
Yes		No	✓
Yes	✓	No	
Yes	✓	No	
Yes		No	✓

Criterion V: Student Support and Progression

1. a) Student strength

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

A) YEAR 2007-2008

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	1667	995	2662	-	-	-	-	-	-	-	-	-	-	-	-	214	148	362
Number of students from other states	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL
Number of NRI students	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL
Number of foreign students	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL

B) YEAR 2008-2009

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	1668	973	2641	-	-	-	-	-	-	-	-	-	-	-	-	191	162	353

college is located																		
Number of students from other states	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL
Number of NRI students	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL
Number of foreign students	NIL	NIL	NIL	-	-	-	-	-	-	-	-	-	-	-	-	NIL	NIL	NIL

M – Men, F- Female, T-Total

b) Dropout rate in UG and PG (average for the last two batches)

Number	%
UG	29%
PG	N. A.

2. Financial support for students: (Last Year) :

Endowments:
 Freeships:
 Scholarship (Government):
 Scholarship (Institution):
 Number of loan facilities:
 Any other financial support(Specify):

Number	Amount
34 (Prize Distribution)	Rs. 12680/-
455	Rs. 1,58,350/-
-	-
-	-
-	-
15 (Alumni of M.M.C. College)	Rs. 6640/-

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	-	-	-	-	-	
Inter- university	-	-	-	-	-	-
National	-	-	-	-	-	-
Any other (specify) (Intra College Sports, Cultural Programmes)	Yes		Each once yearly	Yes		~200 Students

5. Examination Results (data of past five years)

Results	UG					PG					M. Phil				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Pass Percentage	96.83	96.86	93.65	96.65	94.97	-	-	-	-	-	-	-	-	-	-
Number of first classes	23	54	43	22	31	-	-	-	-	-	-	-	-	-	-
Number of distinctions	N.A.	N.A.	N.A.	N.A.	N.A.	-	-	-	-	-	-	-	-	-	-
Ranks (if any)	N.A.	N.A.	N.A.	N.A.	N.A.	-	-	-	-	-	-	-	-	-	-

(* Add more columns if not adequate)

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

Number	Amount	Agency
-	-	-

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

DATA NOT AVAILABLE

NET					
SLET					
CAT					
TOEFL					
GRE					
GMAT					
Civil services (IAS / IPS/IFS)					
Defence Entrance					
Other services					
Any other (specify)					

8. Is there a Student Counselling Centre?			Yes	✓	No	
9. Is there a Grievance Redressal Cell?			Yes	✓	No	
10. Does the college have an Alumni Association?	Yes	✓	No		Formed in the year	
	Yes		No	✓	Formed in the year	

Criterion VI: Governance and Leadership

1. Has the institution appointed a permanent Principal?	Yes		No	✓
If Yes, denote the qualifications				
If No, for how long has the position been vacant?	Since February, 2007			
2. Number of professional development programmes held for the Non-teaching staff (last two years)				

3. Financial resources of the college (approximate amount) – Last year's data

Grant-in-aid	Rs. 1,90,00,000.00
Fee from aided courses	Rs. 25,00,000.00
Donation	Rs. 10,00,000.00
Fee from Self-funded courses	Rs. 50,00,000.00
Any other (specify)	-

4. Statement of Expenditure (for last two years)

Item	Before last	last year
% spent on the salaries of faculty	49.62	36.46
% spent on the salaries of non-teaching employees including contractual workers	17.48	13.08
% spent on books and journals	0.71	1.72
% spent on Building development	10.43	22.77
% spent on hostels, and other student amenities	2.82	1.80
% spent on maintenance - electricity, water, telephones, infrastructure	4.31	4.45
% spent on academic activities of departments - laboratories, green house, animal house, field trips etc.	5.28	7.09
.% spent on research, seminars, etc.	0.37	0.13
% spent on miscellaneous expenditure	8.99	12.52

Note: The institution may provide the details regarding the above table as per the heads of accounts being maintained. However, care may be taken to cover the above items.

5. Dates of meetings of Academic and Administrative Bodies during the last two years:	Last year	Year before last
Governing Body	20/01, 29/01, 19/02, 06/03, 18/03, 19/03, 02/04, 20/06, 14/08, 22/09, 26/11, 14/12	01/02, 02/02, 15/03, 10/07. 18/07, 09/08, 06/09
Internal Admn. Bodies (mention only three most important bodies) i) Academic ii) Finance iii) Library Sub –Committee	i) 05/01, 13/01, 10/02, 20/03, 04/04, 20/05, 27/05, 23/10, 15/12. ii) 21/02, 06/06, 22/08. iii) 02/05, 10/11.	i) 07/01, 03/05 ii) 08/03, 23/08, 05/12 iii) 10/01, 07/08, 18/11
Any other (specify)		

6. Are there Welfare Schemes for the academic community?

Loans:

Medical allowance

Any other (Puja Advance)

Yes	✓	No	
Yes	✓	No	
Yes	✓	No	

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

a) Administrative section/ Office

b) Finance Unit

c) Student Admissions

d) Placements

e) Aptitude Testing

f) Examinations

g) Student Records

Yes	✓	No	
Yes	✓	No	
Yes	✓	No	
Yes	✓	No	
Yes		No	
Yes	✓	No	
Yes	✓	No	

Criterion VII: Innovative Practices

1. Has the institution established Internal Quality Assurance Mechanisms?	Yes		No	✓
2. Do students participate in the Quality Enhancement initiatives of the Institution?	Yes		No	

3. What is the percentage of the following student categories in the institution?

YEAR	2007-2008	2008-2009
a. SC	4.43%	3.60%
b. ST	0.26%	0.23%
c. OBC	NIL	NIL
d. Women	37.38%	36.84%
e. Differently-able	-	-
f. Rural	-	-
h. Tribal	-	-
i. Any other (specify)	-	-

4. What is the percentage of the following category of staff? (Permanent)

	Category	Teaching staff	%	Non-teaching staff	%
a	SC	5	11%	2	13%
b	ST	-	-	-	-
c	OBC	1	2%	-	
d	Women	25	54%	2	13%
e	Physically-challenged	-	-	-	-
f	General Category	40	87%	14	87%
g	Any other (specify)	-	-	-	-

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 (From the Year 2005)	Batch II (From the Year 2006)	Batch I (Year 2008)	Batch II (Year 2009)
a.	SC	76	80	19	23
b.	ST	06	02	04	01
c.	OBC	NIL	NIL	NIL	NIL
d.	Women	392	418	209	221
e.	Physically challenged	NIL	NIL	NIL	NIL
f.	General Category	1151	1245	612	750
g.	Any other (specify)	NIL	NIL	NIL	NIL

C. Profile of the Departments

Profile of the Departments		Responses	
1.	Name of the Department	Bengali	
2.	Year of Establishment	1941	
3.	Number of Teachers sanctioned and present position	4	5 (including One Guest Lecturer)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	4 Substantive and 1 Guest Lecturer Hons.: 70	
7.	Demand Ratio (No. of seats : No. of applications)	70:450	
8.	Ratio of Teachers to Students	1:14	
9.	Number of research scholars who had their master's degree from other institutions	N. A.	
10.	The year when the curriculum was revised last	2005	
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?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		95.2% (Hons.)	99.45% (Hons.)
		97.6% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	10 Books, 80 Articles	
15.	Awards and recognition received by faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	2	Nil
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	1	Rs. 1500/-

19.	Number of Ongoing projects and its total outlay	1 (Details available in Self Evaluation Report-Part II)	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	N. A.	N. A.
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	3	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Hindi	
2.	Year of Establishment	In the Sixties	
3.	Number of Teachers sanctioned and present position	1	4(including one substantive teacher, 2 Guest Lecturers, and 1 College Appointed Whole Timer)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	4 teachers Students: 27 (Hons.), 85 General, 191 in Compulsory Additional Course) = Total 303	
7.	Demand Ratio (No. of seats : No. of applications)	Hons. 20 : 25 General and Compulsory 276 : 300	
8.	Ratio of Teachers to Students	1 : 75	
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)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		93.4% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	83 (including poems, articles, books and translations)	
15.	Awards and recognition received by faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	National 2	International 2

17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	30	
24.	Number of Journals/Periodicals	7	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	English	
2.	Year of Establishment	1941	
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 substantive full –timers and 1 guest lecturer Students = 140	
7.	Demand Ratio (No. of seats : No. of applications)	60:	
8.	Ratio of Teachers to Students	1: 10	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		97.6% (Hons.)	99.45% (Hons.)
		74.4% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	43	
15.	Awards and recognition received by faculty (last five years)	1	
16.	Faculty who have Attended National and International Seminars (last five years)	2	2
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two &	Nil	Nil

	its total outlay		
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	400	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	History	
2.	Year of Establishment	1942	
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	3 substantive teachers and 1 college appointed full-timer Students = 95	
7.	Demand Ratio (No. of seats : No. of applications)	60 : 150	
8.	Ratio of Teachers to Students	4 : 95	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		96.8% (Hons.)	99.45% (Hons.)
		98.0% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	8	
15.	Awards and recognition received by faculty (last five years)	1	
16.	Faculty who have Attended National and International Seminars (last five years)	2	2
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two &	Nil	Nil

	its total outlay		
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	150	
24.	Number of Journals/Periodicals	3	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Philosophy	
2.	Year of Establishment	1941	
3.	Number of Teachers sanctioned and present position	4	5 (including FIP vacancies)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	4 substantive teachers and 1 on FIP lien vacancy, No. of students = 83	
7.	Demand Ratio (No. of seats : No. of applications)	60:150	
8.	Ratio of Teachers to Students	4: 83	
9.	Number of research scholars who had their master's degree from other institutions	N. A.	
10.	The year when the curriculum was revised last	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		95.6% (Hons.)	99.45% (Hons.)
		93.4% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	13	
15.	Awards and recognition received by faculty (last five years)	Nil	
16.	Faculty who have Attended National and International Seminars (last five years)	5	5
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil

20.	Research projects completed during last two & its total outlay	2 (see the details in the departmental analysis)	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	370	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Political Science	
2.	Year of Establishment	1963	
3.	Number of Teachers sanctioned and present position	4	3 Full time Substantive teachers and 1 Part time teacher
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	4 Teachers, Students 60 (Hons.)	
7.	Demand Ratio (No. of seats : No. of applications)	60:150	
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	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		96.6% (Hons.)	99.45% (Hons.)
		95.0% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	17	
15.	Awards and recognition received by faculty (last five years)	Nil	
16.	Faculty who have Attended National and International Seminars (last five years)	National 4	International 3
17.	Number of National and International seminars organized (Last five years)	NIL	NIL
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two &	Nil	Nil

	its total outlay		
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	129	
24.	Number of Journals/Periodicals	3	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Journ. and Mass Comm.	
2.	Year of Establishment	Hons. Course from 2005 and General Course from 2003	
3.	Number of Teachers sanctioned and present position	Nil	14
4.	Number of Administrative Staff	1	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	2 College Appointed Whole Time Lecturers and 12 Guest Lecturers Students = 650	
7.	Demand Ratio (No. of seats : No. of applications)	30 : 742	
8.	Ratio of Teachers to Students	14 : 650	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	2008	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C.College	C.U. (Overall B.A. results) (Departmental Result not provided by Univ.)
		95.5% (Hons.)	99.45% (Hons.)
		94.6% (Gen.)	90.47% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	15	
15.	Awards and recognition received by faculty (last five years)	Three awards have been received by Dr. Manas Pratim Das:- a) National Science Communicator award in 2009. b) Best Book Award on Nano Technology in 2009. c) National Award for best feature in AIR in 2009.	
16.	Faculty who have Attended National and International Seminars (last five years)	10	2

17.	Number of National and International seminars organized (Last five years)	1	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	N.A.	
23.	Number of Books in the Departmental Library, if any	No Departmental Library exists	
24.	Number of Journals/Periodicals	1	
25.	Number of Computers	11	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Physics	
2.	Year of Establishment	1957-58 (Pass) 1967-68 (Hons.)	
3.	Number of Teachers sanctioned and present position	7	5 (Full Time Substantive, 1 College Appointed Part-Timer)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	6 teachers and Students: 50 (Hons.), 100 (General); Total 150	
7.	Demand Ratio (No. of seats : No. of applications)	Hons. 30 : 300	
8.	Ratio of Teachers to Students	1 : 25	
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)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		97.2% (Hons.)	98.5% (Hons.)
		95.0% (Gen.)	95.68% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	11	
15.	Awards and recognition received by faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	National 2	International 2
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil

19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	1	
23.	Number of Books in the Departmental Library, if any	400	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	2	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Chemistry	
2.	Year of Establishment	1957-58 (Pass) 1967-68 (Hons.)	
3.	Number of Teachers sanctioned and present position	7	5 (Full Time Substantive, 1 Guest Lecturer)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	2 permanent and 1 college appointed staff	
6.	Number of Teachers and Students	6 teachers and Students: 55 (Hons.), 150 (General); Total 205	
7.	Demand Ratio (No. of seats : No. of applications)	Hons. 1 : 10	
8.	Ratio of Teachers to Students	1 : 25	
9.	Number of research scholars who had their master's degree from other institutions	Nil	
10.	The year when the curriculum was revised last	2010	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		95.2% (Hons.)	98.5% (Hons.)
		96.2% (Gen.)	95.68% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	11	
15.	Awards and recognition received by faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	National 6	International 6
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and	Nil	Nil

	the revenue generated		
19.	Number of Ongoing projects and its total outlay	01	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	One of the faculty have started guiding as a co-guide from 2009	
23.	Number of Books in the Departmental Library, if any	400	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	2	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Mathematics	
2.	Year of Establishment	1957-58(G) 1961-62(H)	
3.	Number of Teachers sanctioned and present position	Sanctioned 4	Present 4
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	01	
6.	Number of Teachers and Students	Teachers 4 Students (H) 63 (G) 536	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 4	
8.	Ratio of Teachers to Students	4 : 63	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
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?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		89.4% (Hons.)	98.5% (Hons.)
		95.2% (Gen.)	95.68% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	07	
15.	Awards and recognition received by faculty (last five years)	01	
16.	Faculty who have Attended National and International Seminars (last five years)	National 3	International 3
17.	Number of National and International seminars organized (Last five years)	National 1	National 0
18.	Number of teachers engaged in consultancy and the revenue generated	N.A.	N.A.

19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	N.A.	
23.	Number of Books in the Departmental Library, if any	115	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	05	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Computer Science & Computer Application	
2.	Year of Establishment	26 th March 2002	
3.	Number of Teachers sanctioned and present position	1	1
4.	Number of Administrative Staff	3	
5.	Number of Technical Staff	2	
6.	Number of Teachers and Students	Teachers Students 12 Hons.: 145 (1 Sub- Gen: 161 stantive, Major: 124 1 College full timer appointed and 10 GL) full timer and 10 GL)	
7.	Demand Ratio (No. of seats : No. of applications)	60 : 500	
8.	Ratio of Teachers to Students	6:215	
9.	Number of research scholars who had their master's degree from other institutions	N.A	
10.	The year when the curriculum was revised last	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		95.6% (Hons.)	98.5% (Hons.)
		100% (Gen.)	95.68% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	5	
15.	Awards and recognition received by faculty (last five years)	Silver Medal from I.I.T KGP for M.Tech for Smt. Monali Poddar	
16.	Faculty who have Attended National and International Seminars (last five years)	3	

17.	Number of National and International seminars organized (Last five years)	One National Seminar on 3 rd March,2006	
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	N.A.	
24.	Number of Journals/Periodicals	N.A	
25.	Number of Computers	30	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Zoology	
2.	Year of Establishment	2004	
3.	Number of Teachers sanctioned and present position	3	3
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	1	
6.	Number of Teachers and Students	30+3 = 33	
7.	Demand Ratio (No. of seats : No. of applications)	24:40	
8.	Ratio of Teachers to Students	1:10	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	Jan' 2005	
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?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		80.67% (Gen.)	95.68% (Gen.)
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)	N.A.	
16.	Faculty who have Attended National and International Seminars (last five years)	2	Nil
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last	N.A.	

	two years	
23.	Number of Books in the Departmental Library, if any	250
24.	Number of Journals/Periodicals	Nil
25.	Number of Computers	Nil
26.	Annual Budget	Separate Departmental Budget is not allotted

Profile of the Departments		Responses	
1.	Name of the Department	Botany	
2.	Year of Establishment	2004	
3.	Number of Teachers sanctioned and present position	No sanctioned post by U.G.C.	3
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	1	
6.	Number of Teachers and Students	1 College Appointed Full Timer and 2 Guest Lecturers Students = 33	
7.	Demand Ratio (No. of seats : No. of applications)	24:40	
8.	Ratio of Teachers to Students	1:10	
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	
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?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		80.67% (Gen.)	95.68% (Gen.)
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)	2	Nil
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil

21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	45	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Statistics	
2.	Year of Establishment	1999	
3.	Number of Teachers sanctioned and present position	Nil	1 college appointed part-timer + 2 teacher from Department of Economics
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	Teacher :3 ;Students : 21	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 1	
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	2005	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		100% (Gen.)	95.68% (Gen.)
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)	1	1
17.	Number of National and International seminars organized (Last five years)	Nil	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two &	Nil	Nil

	its total outlay		
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	Nil	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate departmental budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Economics	
2.	Year of Establishment	1948	
3.	Number of Teachers sanctioned and present position	5	5
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	4 substantive full time teachers and 1 guest lecturer Students = Hons: 15 General: 73	
7.	Demand Ratio (No. of seats : No. of applications)	30 : 26	
8.	Ratio of Teachers to Students	4:15 (Hons.) 4: 73 (General)	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	2010	
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?)	M.M.C. College	C.U. (Overall B.Sc. results) (Departmental Result not provided by Univ.)
		79.4% (Hons.)	98.5% (H)
		91.0% (G)	95.7% (G)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	5	
15.	Awards and recognition received by faculty (last five years)	Nil	
16.	Faculty who have Attended National and International Seminars (last five years)	4	4
17.	Number of National and International seminars	Nil	

	organized (Last five years)		
18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	1	
23.	Number of Books in the Departmental Library, if any	100	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	Nil	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Profile of the Departments		Responses	
1.	Name of the Department	Commerce	
2.	Year of Establishment	In the year 1985 (hons.)	
3.	Number of Teachers sanctioned and present position	5	7 (including two college appointed part-timers and one guest lecturer)
4.	Number of Administrative Staff	Nil	
5.	Number of Technical Staff	Nil	
6.	Number of Teachers and Students	Teaching Staff – 7 Student (Hons.) – 600 Student (Gen.) - 400	
7.	Demand Ratio (No. of seats : No. of applications)	250: 650	
8.	Ratio of Teachers to Students	Hons. -7: 600 General - 7: 400	
9.	Number of research scholars who had their master's degree from other institutions	N.A.	
10.	The year when the curriculum was revised last	2010	
11.	Number of students passed NET/SLET etc. (last two years)	Nil	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	M.M.C. College	C.U. (B.Com.)
		99.2% (Hons.)	98.94% (H)
		97.2% (Gen.)	93.67% (Gen.)
13.	University Distinction/ Ranks	N.A.	
14.	Publications by faculty (last 5 years)	Seven	
15.	Awards and recognition received by faculty (last five years)	Nil	
16.	Faculty who have Attended National and International Seminars (last five years)	National 4	International 4
17.	Number of National and International seminars organized (Last five years)	Nil	

18.	Number of teachers engaged in consultancy and the revenue generated	Nil	Nil
19.	Number of Ongoing projects and its total outlay	Nil	Nil
20.	Research projects completed during last two & its total outlay	Nil	Nil
21.	Number of inventions and patents	Nil	Nil
22.	Number of Ph. D theses guided during the last two years	Nil	
23.	Number of Books in the Departmental Library, if any	84	
24.	Number of Journals/Periodicals	Nil	
25.	Number of Computers	7	
26.	Annual Budget	Separate Departmental Budget is not allotted	

Part II: Evaluative Report

A. Executive Summary

Self-Assessment

The College Emblem depicting a lamp amply expresses the motive and spirit of spreading the light of knowledge among the general public; which was the intention of the founder fathers. The soothing glow of the lamp also spelt out “Shraddhavan Lavate Gyanam” i.e., one needs to be respectful and devoted (Shraddhavan) to acquire knowledge (Gyanam). So one self - assessment should bring out endeavor in achieving the goal set by them in the present perspective.

Initially the basic subjects like Humanities, Science and Commerce were taught to spread higher education among the common people in the Kolkata as well as its adjoining areas. The college authority and the Alumni of this college numerically confirm that the dissemination of knowledge has been fulfilled to a large extent. But globalization has created an enormous change in the whole education system. The advent of Information Technology has simply changed the approach towards higher education totally. We are striving to keep pace with the changing scenario.

Preparation of NAAC “Self-Study-Report” has given us an opportunity to look within ourselves. NAAC has become a symbol of quality and the entire college with its constituents was absorbed in this exciting exercise of preparation of SSR which has resulted in self-discovery and self-analysis.

Potential of the College

Since its humble beginning in 1941, the college has progressed a lot in terms of infrastructure, diversification and quality of the faculty. Apart from the original building which is shared by two other colleges in the morning and evening shift, Maharaja Manindra Chandra College has acquired a separate building namely Vidyasagar Building for the accommodation students of Bioscience and Journalism and Mass Communication. Space has been provided in this building for Gymnasium and also for the research work of earnest teachers. Fairly equipped laboratories, spacious classrooms including gallery type, separate common rooms for boys and girls with facilities for indoor games, neatly maintained college canteen for all students, two separate canteens for girls and staff, toilets, Student’s Health Home Unit, Central Library along with Seminar library in most of the Departments are assets of this Institution. Computerization of Library and Office is in process. This will add to the efficiency and transparency of their functioning. Instruction is imparted in three broad streams – Humanities, Science and Commerce with Honours level teaching in 11 subjects; Self Financed Honours Courses like Computer Science and Journalism & Mass Communication have been introduced to cope with globalization and job facilities. Apart from these, there are five certificate courses running for the benefit of students in this institution.

Although some teaching and non-teaching posts are vacant, the existing faculty members with high academic attainments and with Ph. D. degrees among most of them and also have foreign experiences, are incessantly and earnestly engaged in the all round developments of the students.

Plan for the Future

Plan of development is closely related to our perception about own expectation and their fulfillment and the challenges that the institution faces in the present and will face in the future.

Regarding perception about performance and achievement of the college is trying its level best to preserve, maintain and enhance the quality of academic ambience. To pay regard to the mission of the founder fathers of this college, we infuse the idea that Modernization of the institution should be a continuous never ending process with inevitable flow of time. With this end in view we propose to introduce new professional courses from time to time in order to keep pace with the changing socio-economic conditions of our country.

B. Criterion-wise Evaluative Report

Criterion I: Curricular Aspects

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 and other stakeholders?

Maharaja Manindra Chandra College was established in 1941, 15th July, with the aim to spread knowledge among all the classes of Indian society irrespective of their caste, creed and religion. Thereafter it gradually grew into an esteemed institution where students from all parts of the society came to seek knowledge. At present apart from its mission to distribute knowledge uniformly among all sections of the society, it seeks to provide academic as well as an all round development of the students helping them to grow skills in various extra-curricular fields in order to cope up with the recent competitive job market. The different sections of the society represented here by the students and staffs give out a clear picture of this mission to all.

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 traditions and value orientation?

Owing to the above vision and mission, the college has started a series of certificate courses of small durations along with normal academic curricula in order to enrol students of varied merits and capabilities in order to seek some opportunity and idea to cope up with the present job seeking market.

1.1.3 Are the academic programmes in line with the institution's goals and objectives? If yes, give details on how the curricula developed / adopted, address the needs of the society and have relevance to the regional / national and global trends and developmental needs? (Access to the Disadvantaged, Equity, Self development, Community and National Development, Ecology and environment, Value orientation, Employment, ICT introduction, Global and National demands and so on)

- The comprehensive syllabi of all the subjects carried out here suggest the objective to cope up with the vast academic arena in present day criterion.
- The college covers courses in multiple disciplines like science, arts and commerce so that interests and merits of all sections may be addressed.
- Excursions are carried out by different departments with an aim to give awareness in ecology and environment along with academic requirement.
- Certificate courses enable the students to develop some special skills which makes them competent for the modern job seeking market.
- Arrangements of campus selections by reputed companies augmented the employment facilities.

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?

Most of the campus interviews are organized by IT companies and consultancies, which emphasize upon ensuring entrance of a large group of students in the IT sector.

1.1.5 Specify the initiatives and contributions of the institution in the curriculum design and development process. (Need assessment, development of information database, feedback from faculty, students, alumni, employees and academic peers, and communicating the information and feedback for appropriate inclusion and decisions in statutory academic bodies, Membership of BOS and by sending agenda items etc.)

- The meeting of the general body is held separately in every year with the teaching staff and students to introduce more varieties in the programmes and upgrade their standards.
- Frequent specific academic meetings are held with the heads of various departments, members of the governing body, students' section to enable all of them to participate in the curriculum design and development.
- Parent-teacher meetings are separately held in the respective departments to get a feedback from the social section who are part and parcel of the stakeholders of the college.
- Meetings with University personnel as well as inspections by the Inspector of colleges enable them to understand and help us in serving our purpose better. This includes the inclusion of teaching staff in BOS and other councils.
- An alumni association is already present in the college and efforts are being made to communicate with them with regard to the overall design and implementation of the curriculum.

1.2 Academic Flexibility

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

Undergraduate degree programmes

Programme	Options	Cut-off marks		
B.A. (General):	Bengali, English, History, Philosophy, Pol. Science, Hindi	In Aggregate 37.5%		
B.A. (Honours):	Bengali, English, History, Philosophy, Pol. Science, Hindi, Journalism (Self Financing)	Options	In Aggregate	Subject
		Bengali	50%	50%
		English	50%	70%
		History	50%	50%
		Philosophy	50%	50%
		Pol. Science	50%	50%

		Hindi	50%	50%
		Journalism (Self Financing)	60%	-
B.Sc. (General):	Computer Science, Economics Electronics, Physics, Mathematics, Chemistry, Botany, Zoology and Statistics.	In Aggregate 37.5%		
B.Sc. (Honours):	Computer Science, Physics, Chemistry, Mathematics, Economics	Options	Aggregate	Subject
		Comp. Sc.	60%	60% (or Phys., Mathematics 60% each)
		Physics	60%	60% (and Math 50%)
		Chemistry	60%	60%
		Mathematics Economics	60% 50%	60% 50%
B. Com (Honours and General):	Accountancy Hons, B. Com. General	Options	Aggregate	Subject
		Accountancy	60%	If in Aggregate 55% then in Related Subjects 70%
		B. Com. General	37.5%	

Certificate courses are also present: -

Sl. No.	Subject	Duration	Course fee
1.	Functional English	6 months (100 hrs)	Rs. 800/-
2.	Tourism and Travel Management	6months (100 hrs)	Rs. 1400/-
3.	Journalism and Mass Communication	6 months (100 hrs)	Rs. 1800/-
4.	Videography and Video Editing	1 year (200 hrs)	Rs. 5000/-
5.	Computerized Financial Accounting	6 months (50 hrs)	Rs. 1200/-

1.2.2 Give details on the following provisions with reference to academic flexibility, value addition and course enrichment:

a) **Core options:** A student can opt Bengali, Hindi or Alternative English as compulsory language.

b) **Elective options:** The College offers numerous programmes by reshuffling the electives in the same honours subject.

c) **Add on courses:** Various certificate courses are provided.

d) **Interdisciplinary courses:** No such courses are available.

e) **Flexibility to the students to move from one discipline to another:** The options are open till the allotted time for admission and registration as suggested by the University for the students to shift from one course to another remains and proper vacancy is available within the college.

f) **Flexibility to pursue the programme with reference to the time frame (flexible time for completion):** Since the college is bound to follow the guidelines of the affiliating University strictly it has limited scope to provide flexibility to pursue the programme with relaxation to the time frame. The pattern of exams and the time schedule there of as recommended by the University is strictly followed.

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

No such facilities are available.

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.

There are a number of self-financed programmes which are published in the prospectus in details. The relevant subjects are:

Computer Science

Bio-Science General (Botany, Zoology)

Journalism

Electronics

Statistics

Please see Annexure I for details.

1.3 Feedback on Curriculum

1.3.1. How does the college obtain feedback on curriculum from

a) Students?

All departments hold departmental discussions individually with the students. The weak students are separately nurtured to express their views. Every academic meeting conducted by the Principal is accompanied by a student representative and teachers are regularly assessed by the outgoing students.

b) Alumni?

We have collected verbal feedback from old students. The Alumni Association is already formed in year 1999.

c) Parents?

Several departments hold a meeting with the guardians periodically and their suggestions and complaints are recorded.

d) Employers / industries?

The principal is the employer and he takes proper measure that the process is carried out smoothly.

e) Academic peers?

Group discussion and special T.C. meetings are held regularly for this purpose.

f) Community?

There is no formal system. However, the local community is sympathetic towards the institution and renders help whenever needed. Many educationists dwelling hereby are invited to deliver lectures on various topics manifesting their views regarding the curriculum.

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

After the end of each academic session, a meeting is held by the employer with the staff and discussions made are communicated to affiliating University as suggestion.

1.4 Curriculum update

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

The affiliating university revises syllabi as and when required. Last major change in the syllabus of undergraduate courses was done in 2006 following the rules and regulations laid down by the Calcutta University.

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

- The Physics and Chemistry syllabus has contents on development of nuclear power in India.
- The Physics syllabus also includes chapters on non-conventional energy like solar cell and wind energy.
- Besides, students are made aware of the national problems and priorities through seminars, mock parliament sessions and invited lectures.
- The chemistry syllabus has contents on environmental policies and awareness like bio-remediation, water purification, and sewage treatment procedures.
- Teachers and students of political Science department visit west Bengal legislative assembly once in a session to gather floor experience about the discussions on the current state policies on various issues.
- The college library and college office has been automated which is an important footstep towards promoting technology.
- Computer science honours and electronics general curriculum aids the students towards technological development.
- There are also other courses like B.Sc. major and B.Com. Major with computer application as a part of the syllabus, which spreads technological awareness.
- Computerized financial accounting course offers the students an add-on career oriented learning option.
- Philosophy honours curriculum provides an insight into value-based learning.

1.4.3 Does the institution use the guidelines of statutory bodies (UGC/ AICTE / State Councils of HE and other bodies) for developing and/or restructuring the curricula?

There are meetings of the academic bodies and sub-committees of the affiliating university regarding the changes and upgradation in the curriculum according to the guidelines of UGC, and the college (with its representatives from each subject) regularly participates in all such discussions.

1.4.4 How are the existing courses modified to meet the emerging/ changing national and global trends?

In order to make the students well equipped with the developing trends and grab emerging opportunities on global basis, courses like environmental studies, computer science and applications, journalism and mass communication, film development have been introduced and are being efficiently carried out by the respective departments.

1.5 Best Practices in Curricular Aspects

1.5.1 What are the quality sustenance and quality enhancement measures undertaken by institution during the last five years in curricular aspects?

- Upgrading the undergraduate courses (both Honours and General streams) according to the rules and guidelines undertaken by the affiliating university
- New honours course in Hindi has been introduced from 2008-09 session
- Computer Science honours course has been started from 2004-05 session
- Journalism and mass communication honours course started from 2005-06 session.

1.5.2 What best practices in ‘Curricular Aspects’ have been planned/ implemented by the institution?

- Helping the students to cope up with the competitive examinations.
- Writing answers and getting them corrected regularly by the teachers of the respective departments.
- LCD, power point presentations are introduced in the teaching methods.
- Parent-teachers meetings to discuss their problems.
- Seminars and quizzes are arranged centrally as well as by the departments.
- Tutorial and remedial classes are taken.

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?

- Prospectus
- Institutional Website
- Advertisement in Regional/ National Newspapers
- Any other (specify)

All methods mentioned under a), b) c) including intimation through local banners and leaflets.

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

- | | | |
|------------|-----------------|---------------|
| a) General | b) Professional | c) Vocational |
|------------|-----------------|---------------|

No specific cut-off percentage is followed. It is absolutely subject specific, keeping in mind the demand for the particular year. However, the minimum percentage set by the university is always adhered to.

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

The institute ensures transparency by strictly following to the merit list after due consideration of the forms submitted during the admission process.

2.1.4 How do you promote access to ensure equity?

- Students from disadvantaged community
- Women
- Differently-abled

d) Economically-weaker sections

e) Sports personnel

f) Any other (specify)

The college ensures that the government norms regarding reservations for the above-mentioned categories are strictly followed. However for economically very weak sections of the society, sometimes exceptions are made after due consideration of their needs by the authorities.

2.2 Catering to Diverse Needs

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

No such system is available under the current university norms.

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

The institution identifies slow learners and arranges tutorial / remedial classes / class tests for them. Extra care is taken during lectures by repeating / reiterating points and involving the slow learners in interactive sessions. Their problems are identified and are helped to the best to the teacher's ability to rectify it. The advanced learners are helped with extra books and notes; sometimes the books may be of individual teachers and not belonging to the college library. They are encouraged to write answers and get them corrected. They are motivated to perform better through preparation of critical / analytical answers.

2.2.3 Does the institution have a provision for tutorials for the students? If yes, give details.

Yes, there is provision for tutorials where the students are divided into small groups for special attention of individual lectures. The tutorials are carried out mainly after the test examination of each year.

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

Counseling sessions are arranged by the institution where both personal and academic problems are discussed.

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

The institution is always ready to cater to the needs of differently abled students. An example may be cited---- A student was admitted to the commerce stream, and was brought by his father in a wheelchair. The institute relaxed its rules and made progressions so that he could study in a ground floor class.

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.)

The college provides academic calendar at the commencement of the session and lesson plans are chalked out in different phases: pre puja / post puja / post X-Mas. The students are evaluated

through regular class tests in respective departments and also the college holds a terminal exam (Nov.) and a test exam for all three years from January to March.

2.3.2 What are the various teaching- learning methods (lecture method, interactive method, project-based learning, computer-assisted learning, experiential learning, seminars and others) used by the teachers? Give details.

Science departments rigorously follow the conventional lecture methods along with computer-assisted classrooms. Experimental techniques are demonstrated in the laboratories, which have a direct correlation to the topics taught in the classrooms. The Arts faculties primarily resort to a lecture method with the introduction of new interactive tools. The commerce department partially follows the computer assisted software techniques as well as the conventional form. All departments hold seminars, educational tours and counseling classes.

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

Direct feedback acquired from the students is implemented after due discussion in the academic sub-committee to make the learning process more friendly and student-centric. At times when such feedbacks cannot be implemented, the student community is briefed accordingly alternative suggestions are invited.

All three streams (English / Hindi / Bengali) have wall magazines, as well as the students publish a common journal (Khasra); while the teachers publish a news bulletin (Padakhep) which comprises of the departmental activities and achievements, and an academic journal (Uttaran) is also published where teachers contribute independent articles.

Honours students of all departments prepare 'Class presentations'---- lectures on syllabus-based topics.

2.3.4 How does the institution ensure that the students have effective learning experiences?

(Use of modern teaching aids and tools like computers, audio-visuals multi-media, ICT, CAL, Internet and other information /materials)

Most of the modern techniques (computers / LCD projectors etc) are used regularly by the science departments ----- the other two streams resort to them during seminars / workshops etc.

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

The teachers have access to the internet at home as well as in the college (library) to update on all and every kind of academic information.

Teachers attend orientation and refresher courses and they have one day of the week at their disposal to carry out library and research work.

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

- All the departments have their own departmental libraries, which are fully functional and in operation throughout the week.
- Direct and regular access to the seminar libraries of the departments is provided to the honours students and teachers.

- The main library, which is accessible to both honours and general students, provides a wide range of books and articles to the students and teachers of the college.

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

The college takes a feedback from all the third year students towards the end of their academic session to mark the teachers' on different attributes related to their performances. The college authorities in consultation with the academic sub-committee scrutinize this and corrective measures are taken as and when necessary.

2.4 Teacher Quality

2.4.1 How are the members of the faculty selected? Does the college have the required number of qualified and competent teachers to handle all the courses? If not, how does the institution cope with the requirements?

For appointment of the permanent faculty members, as soon as a vacancy arises against any Govt. approved post it is reported to the West Bengal College Service Commission (WBCSC) as per their proforma (vide West Bengal Act LXII of 1978). After receiving recommendation from the WBCSC the candidate is issued an appointment letter by the Principal with the approval of college governing body (GB). The appointed teacher remains on probation normally for a period of one year, at the end of which his service is confirmed by a meeting of the GB, provided the teacher performs his/her service satisfactorily. The requisition to WBCSC should be in strict conformity with the 100-point Roster (category wise) as authenticated by the Back Ward Class Welfare (BCW) Department, Govt. of West Bengal. In case of non-availability of reserved candidates, the vacancy concerned needs to be de-reserved as per the rules of the BCW Dept., Govt. of W.B. A teacher so appointed is paid salary by the state government after fixation of his/her pay from the DPI, Education Directorate, and Govt. of W.B.

The college except for a few departments like history / political science / English / commerce, has the required number of permanent, qualified teachers. It is also pertinent to mention that the post for the head of the institution is lying vacant and is to be duly filled up by the WBCSC.

2.4.2 How does the college appoint additional faculty to teach new programmes / modern areas of study (Biotechnology, IT, Bioinformatics etc.)? How many such appointments were made during the last three years?

The college appoints part-time teachers and guest lecturers for newly introduced faculties to meet the workload on temporary basis. Whole time lecturers are appointed to teach self-financed courses. Salary is paid per month in accordance with the workload.

2.4.3 What efforts are made by the management for professional development of the faculty?

(Ex: research grants, study leave, deputation to national/ international conferences/ seminars, training programmes, organizing national/ international conferences etc)?

How many faculties have availed these facilities during the last three years?

The college is very enthusiastic in arranging seminars / workshops in the international, national and state levels. The science departments have frequently held exhibitions within the college and once at college square. The Arts department also arranges book exhibitions.

The college is proud to have erudite scholars like Rabindra Gupta (Bengali), Rathindra Nath Roy (Bengali), Shankar Kumar Dasgupta (economics), and Dr. Kiran Chowdhury (history). Teachers of this college have gone abroad to carry out postdoctoral research in the past. The Teachers in the present faculty are involved in minor projects to keep themselves updated regarding academic progress. Research students have been enrolled under Dr. B. Roy Choudhuri for full-fledged doctoral degree. Teachers of this college have long been engaged in publishing books of repute on secondary / higher secondary / under graduate / graduate level.

2.4.4 Give details on the awards/ recognitions received by the faculty during the last five years?

In the last five years no significant awards have been received by any faculty. However Dr. Manas Pratim Das of Journalism Department (who is actually a guest lecturer) has received a number of National Awards which has been already specified in the departmental profile and analysis.

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

- a) Computers... No
- b) Internet...No
- c) Audio Visual Aids... No
- d) Computer-Aided Packages...No
- e) Material development for CAL, multi-media etc...No

2.5 Evaluation Process and Reforms

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

The evaluation methods are duly communicated to the students at the beginning of the sessions through college prospectus. Besides, the teachers through counseling make the students aware of the examination programme from time to time.

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

Students' progression is monitored at regular intervals. Class tests are conducted, answer scripts are evaluated and after assessing the students' performance, teaching procedures are modified accordingly. Special / tutorial classes are taken as remedial measures whenever necessary. Test examinations are also held and teachers highlight the shortcomings of the students and guide them to face the final university examination with thorough knowledge and confidence. Students' attendance is monitored regularly and guardians are intimated if required.

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

The redressal of grievances regarding evaluation is taken seriously. The concerned students are called along with their guardians to review the answer scripts of the students. Then drawbacks are pointed out and suggestions are provided for betterment.

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?

In order to encourage advanced lectures, teachers suggest them to consult advanced text as well as reference books and help them to procure those. They are encouraged to deliver seminar lectures on specialized topics. They are also advised to attend seminars & extension lectures organized in other colleges and universities.

2.6 Best Practices in Teaching -Learning Process

2.6.1 Detail any significant innovations in teaching/learning/evaluation introduced by the institution?

The college encourages the teachers to use innovative methods and modern aids of teaching in an effort to be at par with national standards of teaching and learning. The infrastructure facilities available for this purpose are overhead projectors, LCD projectors, slide projectors, microphones, computer and internet facilities, presentation software, CD's etc.

Co-curricular activities like sports and cultural programmes are encouraged in the institution. The sports infrastructure of the college includes two multi equipped gymnasium (for girls and boys) and facilities for indoor games. Annual sports meet is arranged in Deshbandhu Park playground. Students are encouraged to be engaged in NSS and NCC activities. Annual cultural function (Alaap) is held where our students take part in quiz, recitation, music competition, solo drama etc. Prizes are given away to the winner of the competitions.

Moreover, every year academic prize distribution ceremony is held and various prizes and gold plated medals are given to the meritorious students.

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? If yes, give details on its activities, major decisions taken (during last year) and composition of the Committee.

No. However, teachers with research experience assist others to prepare research proposals. There are few teachers who individually pursue research work in their respective fields in the college premises. The Principal and the Governing Body scrutinize the proposals before they are forwarded to funding agencies.

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

The College encourages research by faculty members by adjusting class routines in favour of the research workers. A teacher under FIP scheme is granted leave with pay as per UGC rules. The college also helps by application for research grants of earnest teachers for individual research and provides proper infrastructure for the same.

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

No, there is no such provision yet, but infrastructure is provided by the college for research projects.

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

There is no research component in the undergraduate programmes.

3.1.5 What are the major research facilities developed on the campus?

Two separate rooms have been provided by the college for research projects.

3.1.6 Give details of the initiatives taken by the institution for collaborative research (with national/ foreign Universities/ Research/Scientific organizations / Industries / NGOs)

No such step has been taken so far.

3.2 Research and Publication Output

3.2.1 Give details of the research guides and research students of the institution (Number of students registered for Ph.D. and M. Phil., fellowship/scholarship, funding agency, Ph.D.s and M.Phil.s awarded during the last five years, major achievements, etc.)

None of the faculty is involved in carrying out the role of research guide within the institution.

However, some of our faculties act as guide as well as joint guides in collaboration with faculties in other renowned institutions.

3.2.2 Give details of the following:

a) Departments recognized as research centers

No departments of this institution act as research centre.

b) Faculty recognized as research guides

- (i) Dr. Parimal Kundu (as co-guide)
Magneto Structural Correlation of Inorganic Complexes
- (ii) Dr. Bibekananda Roy Chowdhury (as guide)
Problems of survival of MSMEs in view of the changed World Economic Order-
Leather Industry in West Bengal

c) Priority areas for research and

d) Ongoing Faculty Research Projects (minor and major projects, funding from

the Government, UGC, DST, CSIR, AICTE, Industry, NGO or International agencies)

Name of the faculty	Name of the research project	Funding agency	Fund allotted	Duration of the project
Dr. Santanu Bhattacharya	Syntheses, characterization and kinetic approach involving mononuclear and multinuclear Manganese complexes	UGC bearing Sanction No.: F. PSW-066/09-10 (ERO) dated 08-Oct-09	One lakh seventy seven thousand rupees	Eighteen months
Dr. Shib Shankar Ghosh	Rabindranather chhotogalper chitrarup	UGC bearing sanction No: PHW071/09-10	One lakh thirty two thousand five hundred rupees	Eighteen months

e) Ongoing Student Research Projects (title, duration, funding agency, total funding received for the project).

No current students of the institution are engaged in research work at present.

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.)?

All the faculties of the various departments are engaged in research work outside the institution, but there is no direct research access within the campus of the college. Recently a separate room for research and development in Science has been allotted in the Vidyasagar Building premises where a faculty from Chemistry department, Dr. Santanu Bhattacharya is carrying out his individual research work.

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

Yes, most of the scientific publications have been published in referred journals. The range of the impact factor of those journals is in between 0.5 to 5. The details of the publications have been available in the Evaluative Report of the Departments.

3.2.5 Give list of publications of the faculty.

a. Books.....

b. Articles.....

- c. Conference/Seminar Proceedings
- d. Course materials (for Distance Education)
- e. Software packages or other learning materials
- f. Any other (specify).....

Name of the Department to which the faculties belong	No. of papers published in journals	No. of books published	No. of articles published	No. of Papers presented in seminars	No. of Course materials written or edited	Other learning materials published
Hindi	-	2	12	3	-	1 book review, 67 poems and 1 translation
Bengali	-	13	124	-	-	-
English	18	5	30	12	-	2 book reviews, 5 poems, 5 translations, 4 travelogues
Philosophy	-	-	12	-	-	-
Political Science	-	1	11	-	1	-
Economics	-	3	2	6	1	-
History	-	-	5	-	-	-
Zoology	12	-	-	-	-	-
Physics	50	2	3	3	-	-
Mathematics	16	-	3	2	-	-
Chemistry	73	1	4	9	-	-
Computer Science and Computer Applications	1	-	1	1	-	-
Botany	-	-	2	-	-	-

Details of all these publications are separately provided in the Evaluative Report of the Departments.

3.3 Consultancy

3.3.1 List the broad areas of consultancy services provided by the Institution during the last five years (free of cost and/or remunerative). Who are the beneficiaries of such consultancy?

- Acting as members of selection committees formed by schools, W.B. School Service Commission.

- Evaluation of answer scripts of joint entrance examination and public service commission examination.
 - Co-ordinator of madrasa school service examination
 - Acting as a Member of Syllabus Review Committee.
 - Post graduate teacher in Netaji Subhas Open university and other college and universities
- The main beneficiaries are the young generation of our country, mainly the students.

3.3.2 How does the institution publicize the expertise available for consultancy services?

The College prospectus contains names of faculty members and their qualifications and the website.

3.3.3 How does the institution reward the staff for the consultation provided by them?

No such provision exists.

3.3.4 How does the institution utilize the revenue generated through consultancy services?

No revenue is gained by the college.

3.4 Extension Activities

3.4.1 How does the institution promote the participation of students and faculty in extension activities? (NSS, NCC, YRC and other NGOs)

The college has a separate training unit for NSS and NCC. The College encourages the students to join NSS as volunteers and to take part in various extension activities. The College provides food packets to the volunteers. The teacher working as the NSS Programme Officer is granted leave for guiding extension activities. He gets due credit through his self-appraisal. The students participating are awarded certificates at the end of the training.

3.4.2 What are the outreach programmes organized by the institution? How are they integrated with the academic curricula?

The sexual harassment cell of this college organized a one-day seminar with eminent personalities like lawyers of Calcutta High court, university and college teachers etc.

Social Science Club organized a seminar on Womens' movement where Smt. Brinda Karat acted as chairperson.

A science Exhibition and seminar programme was arranged in January 2005, January in collaboration with Pollution Control Board, Birla Technological Museum and Geological Survey of India for the enhancement of scientific awareness of students. A seminar lecture on arsenic poisoning was delivered by Prof. Dipankar Chakraborty for general awareness.

3.4.3 How does the institution promote college-neighbourhood network in which students acquire attitude for service and training, contributive to community development?

NSS unit of this college organizes camps every year in the neighbourhood slum areas mobilizing health check-up and blood-group testing of children and women, cleaning of drainage systems and roads, sit and draw competition of the slum children and seminar on awareness of malaria. Tutorial classes have been arranged with the street children and tiffin packets have been provided to encourage them. They were also taken for one-day excursion.

3.4.4 What are the initiatives taken by the institution to have a partnership with University /Research institutions / Industries / NGOs etc. for extension activities?

The faculties of this Institution are actively connected with different Universities, Research organizations and Industries by their personal endeavor and Institution helps to fulfill the requirement in order to finalize the activities.

3.4.5 How has the local community benefited by the institution? (Contribution of the institution through various extension activities, outreach programmes, partnering with NGOs and GOs)

The institution provides free clothes, books and food packets for the financially distressed and very poor children in the community.

3.4.6 How has the institution involved the community in its extension activities?

(community participation in institutional development, institution-community networking etc.)

As a result of its closeness to the local community, the College enjoys sympathy as well as confidence of the local people. No student faces any harassment in the locality. People of the areas around the College often help the College to solve their local problems. The local people help the institution to carry out social activities. Local councilor also participates in administrative activities as a member of the governing body.

3.4.7 Any awards or recognition received by the faculty / students / Institution for the extension activities?

Yes, the local councilor has highly appreciated the project in the slum areas and certified the service provided by the college.

3.5 Collaborations

3.5.1 Give details of the collaborative activities of the institution with the following organizations:

- local bodies/ community Yes
- State No
- National Yes
- International Yes
- Industry No
- Service sector Yes

- Agriculture sector No
- Administrative agencies Yes
- Any other (specify)

The details are available in the Evaluative Report of the Departments.

3.5.2 How has the institution benefited from the collaboration?

- (a) Curriculum development No
- (b) Internship No
- (c) On-the-job training Yes, workshops are held regularly where most of our teachers participate.
- (d) Faculty exchange and development Yes
- (e) Research Yes
- (f) Consultancy Yes
- (g) Extension Yes
- (h) Publication Yes
- (i) Student Placement Yes

3.5.3 Does the institution have any MoU /MoC / mutually beneficial agreements signed with other academic institutions, Industry or other agencies

No

3.6 Best Practices in Research, Consultancy and Extension

3.1.7 What are the significant innovations / good practices in Research, Consultancy and Extension activities of the institution?

The College has always encouraged research, which is borne out by the fact that a number of teachers of the College have obtained their Ph. D. degrees while working in this institution. In addition, few other teachers have submitted their Ph.D. theses are waiting for the oral examinations. The College has been able to regularize the NSS activities over the last few years. As a result several programmes as mentioned earlier have been made fruitful.

4. Criterion IV: Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 What are the infrastructure facilities available for

- (a) Academic activities?

The college has provided ample space for a number of classrooms, laboratories of the departments of physics, Chemistry, computer science, electronics, commerce, Bio-science, mathematics and statistics, along with reading rooms. For betterment of teaching and communication LCD projectors, Overhead projectors are often used in various departments.

(b) Co-curricular activities?

College has a stock of various musical instruments, tape-recorders, LCD projectors, Overhead projectors, digital cameras for different co-curricular activities.

(c) Extra –curricular activities and sports?

College uses Shyam Park and Deshbandhu Park adjacent to the college for organizing sports. Indoor games are however organized within the college in the students, common rooms.

4.1.2 Enclose the Master Plan of the college campus indicating the existing physical infrastructure and the projected future expansions.

The college has three buildings. One old four storied building used mainly for the purpose of holding classes of pure science, commerce and some of humanities departments. There is an annex building (four storied) , which is also used for holding honours classes of different departments. Apart from this, one new building is being acquired by the college for the purpose of holding classes of journalism, Bio-science and all types of vocational courses. A computer lab for commerce students is also there in this building. The main building accommodates the college office, Principal's chamber, Staff-room, library, canteen (both staff and students), seminar library, students' union room, computer labs, and many other rooms apart from regular classrooms. An academic hall in the first floor is used for holding academic and cultural activities of the college. The room is well equipped with public address system and other facilities. The Principal's chamber is well equipped with fax machine, internet facility and intercom facilities. The college has a large common room for students which can be used for all sorts of indoor games including table-tennis. In addition, one large ladies' common room is also there in the first floor.

The departments of physics, chemistry, electronics, computer science and life science have adequate laboratory space.

The college library and the reading rooms are located on the second floor of the main building. However, each department runs its own seminar library to lend books to their honours students. The teachers of the respective departments take the entire responsibility for running the seminar libraries.

The college is situated in a prime location of North Calcutta with all the transport facilities including metro railway station in front of the college entrance. Although the college is located in the main road, there is enough car parking facility available on either side of the college.

The college has the electricity connection from C.E.S.C. The college has its own generator for uninterrupted power supply during power-cuts. The college has its own arrangements for water supply. Purified drinking water is provided to the teachers and the students. Pay and use telephone facilities are also provided to the students.

The Master Plan has been enclosed in Annexure II.

4.1.3 Has the institution augmented the infrastructure to keep pace with its academic growth? If yes, specify the facilities and the amount spent during the last five years.

Yes, an old building adjacent to the college has been acquired and renovated for holding classes of newly introduced subjects like zoology, botany, journalism and vocational courses. There is also an IT lab in the same building for the commerce students.

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

Yes, the college has separate common rooms for girls and boys. The college has separate toilets for girls' students and women staff.

4.1.5 How does the institution plan and ensure that the available infrastructure is optimally utilized?

The college building is used for holding University exams on regular basis. Also it is often used as zonal evaluation centres for different subjects. Besides these, the college is also used for holding competitive examinations of different universities, boards, banks and other institutes.

Apart from that Netaji Subhas Open University (NSOU M. M. C. College Study Centre) use the college building on Saturday and Sunday for their academic purposes. The student strength of this center is as follows:

BA/B. Com – 469, B. Sc. – 60, MA – 296, M. Com- 103, M. Sc. – 76, M. LIS- 31.

There are 3 PG diploma courses running in this college. Those are BLIS with 21 students, JMC with 9 students and PRAD with 2 students. Also a certificate course of BPP comprising of 70 students is continuing in this institute.

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

Yes, the college accommodates differently abled students in different ways according to their needs.

4.2 Maintenance of Infrastructure

4.2.1 What is the budget allocation for the maintenance of (last year's data)

- a. Land?
- b. Building?
- c. Furniture?
- d. Equipment?
- e. Computers?
- f. Vehicles?

The details are available in the Annexure III (Budget 2008 – 2009).

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

The institution ensures optimal utilization of budget allocated for various activities through the meeting of the Governing Body.

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

The college has appointed full time sweepers to maintain the cleanliness of the campus.. The college also appoints contractors for repairing of building and infrastructure. There is an annual contract for the maintenance of computers and peripherals. The laboratories in physics and chemistry departments are also updated and repaired from time to time.

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 advisory committee is formed by the Governing Body of the college. It comprises of a convener (a senior teacher from the college), the librarian, teaching, and non-teaching and students representatives. The committee helps the librarian in selection of books and improvement in library service for the benefit of the students and staff.

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

The books in the library are kept in closed shelves. Users are allowed to enter the library and use the cabinet catalogue. The library staffs assist the users to find books of their choice. Security of books and other materials are ensured by the college guards as well as by the employees of the library.

4.3.3 What are the various support facilities available in the library? (computers, internet, band width, reprographic facilities etc.)

There is computer facility in the library. Students can borrow books for home use. Teachers and students enjoy separate reading rooms. Photocopying services are available in the ground floor where the users can photocopy study materials from the reading room at a cheap cost. In addition to the central library, we have separate departmental or seminar libraries to meet additional requirements of the students. Teachers of respective departments are in-charge of the seminar libraries.

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 five years.

Each department of the college submits lists of books, journals, and other reading materials according to their requirement to the librarian. Books and all other materials are purchased centrally. The library advisory committee and the respective departments play an important role in the purchasing the books.

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.).

The central library does not have internet connection. It is only available at the principal's room.

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

The central library is computerized and cataloguing is in progress.

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

It does not make use of the above techniques.

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

Whenever new purchases are made, the library staff displays them on the display board to inform the students and teachers.

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

No, no such facilities are available till date. However the matter is under consideration.

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

Although no such facilities are available, need based arrangements are always made by the teachers as well as the library staff.

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

The library has been extended to a spacious area with facilities of:-

- a) Reading Rooms
- b) Computer facilities

4.3.12 What other information services are provided by the library to its users?

The library gives information regarding the available books and journals and issues the same to the users. Informations are also available regarding departmental collection of books, old question papers, journals and periodicals.

4.4 ICT as Learning Resources

4.4.1 Does the Institution have up-to-date computer facility? If yes, give details on the available hardware and software (Number of computers, computer-students ratio, stand alone facility, LAN facility, configuration, licensed software etc.)

Yes, such facility exists for faculty during college hours. There are altogether 62 computers in the college distributed in the Principal's room, office, library and various departments.

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

No, but the staff and the students have free access to all the computing facility in the library and computer department.

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

The faculties are free to use internet facility and computers, LCDs and printers for teaching and for preparing study materials.

4.4.4 Does the Institution have a website? How frequently is it updated? Give details

Yes, www.mmccollege.org. It is updated in a regular basis.

4.4.5 How often does the institution plan and upgrade its computer systems? What is the provision made in the annual budget for update, deployment and maintenance of the computers in the institution?

The institution upgrades its computer systems yearly and makes the planning according to the need of individual departments.

Provision in Annual Budget:

Year	Update and Deployment		Maintenance	
	Proposed	Actual	Proposed	Actual
2008	Rs. 75,000/-	Rs.50,762/-	Rs. 32,000/-	Rs. 31,067/-
2009	Rs. 2,80,000/-	Rs. 2,43,484/-	Rs. 60,000/-	Rs. 46,806/-

4.4.6 How are the computers and their accessories maintained?

The institution calls for the quotations from different vendors for annual maintenance yearly. Then, the best bidder is selected through a comparative assessment by the finance sub-committee. The selection is mainly based on quality and minimum price for maintenance. For the last few years, the institution is very much pleased with the service provided by WIPRO in this matter and thus, the annual maintenance contract has been renewed with WIPRO in this year also.

4.5 Other Facilities

4.5.1 Give details of the following facilities:

- a) Capacity of the hostels (to be given separately for boys and Girls)
 - b) Occupancy
 - c) Rooms in the hostel (to be given separately for boys and Girls)
- The college does not have any hostel.
- d) Recreational facilities

The college has a large academic hall of seat capacity of about 200. All the cultural functions, college seminars, prize distribution ceremonies are held in this room. The teachers as well as the students participate in the cultural programmes of the college.

There is a cultural sub-committee which takes initiative in organizing as well as training the students for the programmes. The college has its own musical instruments.

e) Sports and Games (Indoor and Outdoor) facilities

The college uses Shyam Park and Deshbandhu Park adjacent to the college for organizing sports. Indoor games are however, organized within the college in the student's common room. The college organizes annual tournaments in sports and athletics where prizes and medals are awarded to the winners for maintaining a healthy spirit for sports and games. Our students participate in interuniversity and other athletic meet organized outside the college. Our college has enabled the students to enjoy a multi-gym facility, various multi-gym equipments apart from the traditional items for physical exercise.

f) Health and Hygiene (Health Care centre, Ambulance, Nurse, Qualified Doctor) (full time/ part time etc.)

The college has a competent medical officer, who visits twice a week for regular physical check up of the teachers and the students. The college has its own arrangements for water supply and purified drinking water.

4.5.2 How does the institution ensure participation of women in intra-and inter-institutional sports competitions and cultural activities?

The college does not make any discrimination regarding the participation of women in sports as well as cultural activities. Being a co-ed college both the male and female students participate in all sorts of cultural and sports activities.

4.5.3 Give details of the common facilities available with the Institution (Staff room, day care centre, common room for students, rest rooms, health centre, vehicle parking, guest house, Canteen, telephone, internet cafe, transport, drinking water etc.)

The college has a spacious staff room commonly used by the three sister colleges in three shifts. It has a separate common room for boys and girls. College makes arrangements for health check-ups as and when needed. Although the college is located on the main-road, there is enough car-parking facility on either sides of the college. The college houses two different subsidized canteens, one for the staff and the other one for the students. Pay and use telephone facilities are provided to the students. The college has no transport of its own. Though it is smoothly connected by bus/trams (road transport), metro (tube rail), and launch (river transport).

4.6 Best Practices in Infrastructure and Learning Resources

4.1.7 What innovations/best practices in 'Infrastructure and Learning Resources' are in vogue or adopted/adapted by the institution?

Certificate courses could be conducted.

Netaji Subhas Open University is already there

Underprivileged classes of the society are helped by utilizing resources from other sources.

Criterion V: Student Support and Progression

5.1 Student Progression

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

	Category	(Year 2008)	(Year 2009)
h.	SC	19	23
i.	ST	04	01
j.	OBC	NIL	NIL
k.	Women	209	221
l.	Physically challenged	NIL	NIL
m.	General Category	612	750
n.	Any other (specify)	NIL	NIL

5.1.2 What are the efforts made by the Institution to minimize the dropout rate and facilitate the students to complete the course?

The teachers always encourage the students to attend regular classes and an attendance record is duly maintained to note if any student is being regularly absent. Then a guardian's call is made and the matter is discussed with both the student and his / her guardian, so as to sort out any problem and it is also enquired whether he / she feels comfortable in following the course pattern and the syllabus. Regular counseling is done in this respect by the teachers of their respective departments.

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

Most of the students of the honours courses progress to higher studies while that of the general courses sometimes seek immediate jobs.

But no such statistics has been maintained. We will keep these particulars in future.

5.1.4 How does the institution facilitate the placement of its outgoing students? What proportions of the graduating students have been employed? (average of last five years)

The college has campus interviews for the outgoing students of computer science, electronics, and journalism departments which helps them a lot in their placements in industry and job market. Apart from this, often job oriented seminars and direct counseling's are done by companies and other R& D laboratories which help the students indirectly to assess them, know about the job scenario and proceed or plan their future accordingly.

A significant number of students have been employed for last few years. But no such statistics has been maintained by every department. We will keep these particulars in future.

5.1.5 How does the institution facilitate and support students for appearing and qualifying in various competitive examinations? Give details on the number of students coached, appeared and qualified in various competitive examinations (Average of last five years) (UGC-CSIR-NET, SLET, GATE, CAT, GRE, TOFEL, GMAT, Civil Services- IAS, IPS,IFS, Central/State services etc.)

The teachers of the respective departments give extra time to the students to sit with them to discuss the problems and questionnaire of the recent competitive exams and remedial classes are also taken in this respect by the individual department.

5.1.6 Give a comparative analysis of the institutional academic performance with reference to other colleges of the affiliating University and the university average. (Pass percentage, Distinctions, Gold medals and University Ranks, Marks obtained in relation to university average etc. (Last five years' data)

Comparison made with respect to the Success Rate

Honours [(2+1) and (1+1+1) New and Old]

Year	B. A.		B. Sc.		B. Com.	
	M. M. C.	C. U.	M. M. C.	C. U.	M. M. C.	C. U.
2005	96.60%	99.143%	93.40%	98.82%	98%	96.78%
2006	98.60%	99.19%	92.40%	97.937%	99%	99.75%
2007	97.60%	99.41%	90%	97.52%	99%	99.22%
2008	99.50%	99.80%	98%	98.89%	100%	99.62%
2009	89.83%	97.13%	90.75%	97.515%	100%	95.205%

General [(2+1) and (1+1+1) New and Old]

Year	B. A.		B. Sc.		B. Com.	
	M. M. C.	C. U.	M. M. C.	C. U.	M. M. C.	C. U.
2005	89%	90.303%	96%	96.454%	99%	92.463%
2006	87.14%	89.14%	98.5%	94.977%	100%	96.355%
2007	96.71%	89.035%	84.25%	95.227%	97%	91.083%
2008	95.57%	90.76%	98.57%	95.7%	90%	93.64%
2009	93.29%	87.68%	95.25%	93.738%	100%	89%

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, every year much before the admission procedure begins as per university norms, the college publishes its own prospectus and brochures regarding all the regular courses, certificate and vocational as well as self-sponsored courses showing the facilities, fees, present teacher strength and all other necessary information.

5.2.2 Does the institution provide financial aid to students? If yes, specify the type and number of scholarships/ freeships given to the students during the last academic year by

the institution (other than those provided by the social welfare departments of the State or Central Governments).

Yes.

- The college maintains a poor fund to provide the poor students financial help at the time of free submission for university examinations.
- Some faculty members provide financial help personally to the students.
- Some departments also help the students financially to attend excursions and educational tours.

5.2.3 Give details of schemes for student welfare? (insurance, subsidized canteen facilities, special diets, student counseling support, “earn while you learn” scheme etc.)

- Poor Fund: The fund is created out of contributions from staff and students. It is used to help students from economically weak families to pay university fees and meet other relevant expenses.
- Free / Half-free studentships for poor and meritorious students.
- Prizes for university rank holders and other attainments from endowments.
- Membership of Students’ Health Home for medical facilities

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

The college does not have any overseas student.

5.2.5 Give details of the placement and counseling services for the students?

The following is the list of placement as well as counseling in the past five years.

Year of placement	Student name	Recruitment
2005	Abhik Shee (Computer Science Honours)	Cognizant Technology Solutions (CTS)
	Abhijit Mukherjee (Computer Science Honours)	-----do-----
	Rodin Ghosh (Computer Science Honours)	-----do-----
	Sabyasachi Chatterjee (Computer Science Honours)	-----do-----
	Deboli Paul (Computer Science Honours)	-----do-----
	Sovon Bhattacharya (Computer Application Major)	-----do-----
2006	Joy Raha (Computer Science Honours)	Cognizant Technology Solutions (CTS)
	Tirtha Pratim Ganguly (Computer Science Honours)	-----do-----
	Binod Kumar Shaw (Computer Science Honours)	-----do-----
	Saranya Dasgupta (Computer Science Honours)	-----do-----
	Tarun Srivastava (Computer Science Honours)	-----do-----
	Tanmoy Chowdhury (Computer Application Major)	-----do-----
	Saikat Sinha (Computer Science Honours)	Indus Net Technology
	Sumit Ghosh (Computer Science Honours)	Entrepreneur, started his own software firm Pixlie
2007	Anirban Chakraborty	Cognizant Technology Solutions (CTS)
	Moumita Chatterjee	-----do-----

	Saket Misra	-----do-----
	Tanuruchi Banerjee	Wipro
	Rishikesh Pandit	-----do-----
2008	Arijit Bose	Tata Consultancy Services (TCS)
	Ria Mukherjee	Cognizant Technology Solutions (CTS)
	Joy Sengupta	-----do-----
	Samarpan Sengupta	Satyam Online
	Prasun Mukherjee	Pixlie
2010	Avishek Sanyal	HDFC Standard Life
	Soumen Halder	-----do-----
	Sourav Saha	-----do-----
	Udit Chatterjee	-----do-----
	Sayantan Bhattacharya	-----do-----
	Sourajyoti Das	-----do-----
	Irina Banerjee	-----do-----
	Oindrila Sen	-----do-----
	Biswajit Paul	-----do-----
	Arpita Sanyal	-----do-----
	Bikram Hela	-----do-----
	Sandhibon Sett	-----do-----
	Chandra Singh	-----do-----

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

The placement and counseling cell of the college encourages the students to develop entrepreneurial skills. For example a student started his own software development firm after passing out in 2005. The detail is given above in the placement list.

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

- At the time of admission the faculty takes active role in academic counseling both to the guardian and students.
- The faculty is very close and intimate to the students in case of personal counseling regarding academic problems as well as financial and other family related problems that are associated with their career.
- The faculty also counsels them about their placements and further progress in their higher studies and research purposes after they have passed out from the college.

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

No, there is no such centre till date.

5.2.9 Is there a Cell /Committee constituted for prevention/ action against sexual harassment of women students? If yes, detail its constitution and enumerate its activities (issues addressed during the last two years)

Yes, there is such a committee.

According to UGC guideline, our college has formed a cell entitled “Prevention of Sexual Harassment in the College Campus” on 01/02/2008 comprising of the members:

- (i) Dr. Swapna Basu (Convenor)
- (ii) Smt. Sumana Chatterjee
- (iii) Dr. Shibsankar Ghosh
- (iv) Dr. Amita Mazumdar
- (v) Sri Debabrata Mukherjee
- (vi) Smt. Mitra Chakroborty
- (vii) Sri Malay Kumar Basu
- (viii) Smt. Tania Saha

The cell held several meetings to discuss the problems of differences of gender in the society. The cell organized the seminar on the harassment of women in families and work places. Dr. Swapna Basu narrated the role of the cell of this college – its importance, objectives and implementation of both preventive and remedial measures. The main speakers of the seminar were Dr. Mallika Sengupta, Dept. of Sociology of Maharani Kashiswari College who is also a social activist and eminent poet and Dr. Ishita Mukhopadhyay, Chairperson, prevention of sexual harassment committee of C. U. Dr. Sengupta spoke about issues related to gender discrimination and sexual harassment in social practices and Dr. Mukhopadhyay elaborately describe the developments of the recently implemented prevention of domestic violence act. The interactive session was very much innovative and interesting. Many students and teachers participated in this session. A suggestion box was put up outside the teachers’ room for dropping letters regarding various complains of female students and teachers.

A new cell has been reconstituted on 13. 02. 2009. The following are the new members of this cell:

- (i) Dr. Sumita Chatteraj (Convenor)
- (ii) Dr. Nayna Dey
- (iii) Smt. Suranjana Sanyal
- (iv) Sri Sanjib Kumar Pakira
- (v) Sri Debabrata Mukherjee
- (vi) Smt. Mitra Chakroborty
- (vii) Sri Malay Kumar Basu
- (viii) Smt. Tania Saha

This cell held several meetings for discussion on various social problems on women specially girl students and female teachers. The members of the aforesaid cell have counseled some of the girl students about their personal problems of harassment in our college campus. The teachers and the students of our college are invited to attend a panel discussion on “Women’s Right to Choice of Dress Specially in Educational Institution” held on 6th August, 2009 at 1 p.m. The discussion was lively and interesting. Participation of both teachers and students was on large scale. The cell is functioning in a regular and organized way till date with

the cooperation of both the teachers and the students and is dealing with various issues of sexual harassment of girl students in the college campus.

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.

Yes, there is such a cell.

In the academic year 2009-2010 our college has formed a grievance redressal cell comprising the following members:

- (i) Smt. Swapna Mukherjee (Convenor)
- (ii) Smt. Sumana Chatterjee
- (iii) Dr. Soumitra Mukhopadhyay
- (iv) Sri Arup Sen (T. C. S.)
- (v) Smt. Saswati Chakraborty
- (vi) One Student Representative

We convened three meetings on the respective dates 21st July, 2009; 2nd Dec, 2009 and 5th March 2010. All the members participated in those meetings and rendered their valuable suggestions for the redressal of grievances.

After the first meeting, the following decisions were taken:

- (i) A grievance redressal box will be installed beside the front door of the Teaching Staff Room.
- (ii) The box will be opened in the presence of the members of the cell once in a week.
- (iii) Grievances received in the drop box will be selected and then categorized in three classes, viz. For Students, For Non-teaching Staff and For Teaching Staff.
- (iv) After examining the grievances the same will be sent to the respective sections or departments for remedial measures.

Initially we faced some problems like;

- (i) There was a tendency of the complainant to directly lodge his/her grievance to the college authority.
- (ii) Some of the grievances are trivial and cannot be redressed without changing the attitude of the complainant.
- (iii) In some cases the grievances are not properly focused.

However, we have tried to overcome these problems. It was found that the students often lodge their complaints verbally. In such cases, after examining the complaints we tried to solve them through counseling which proved to be effective. Secondly, we sent the grievances in writing to the respective sections for alleviation. Most of the problems were solved at that level. As regards Non-teaching staff, it was observed that most of their grievances are financial in nature. The authority directly addressed to their problems and solved them.

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.

No, there is no such provision, but the weak and incompetent students as judged by the teachers while taking their classes, are called separately by the teachers from time to time and advised and counseled to undertake different courses outside. Sometimes the teachers supply books and other materials also to the students for this purpose.

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?

Five different certificate courses have been introduced by the institution to develop life skills, career training, community orientation, good citizenship and personality development of students. The courses are as follows: Functional English, Tourism and Travel Management, Journalism and Mass Communication, Videography and Video Editing, Computerized Financial Accounting

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

The college has security guards at the main entrance who periodically change their duties and are always ready to assist and protect the students, faculty and college assets from outside hubbub as well as intruders. Apart from this, the local police station, which is at a close proximity helps us during examination, student union elections and other extra-curricular gatherings maintain the safety and security in the college.

5.3 Student Activities

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

Yes.

- i. List its current Office bearers
- ii. List its activities during the last two years.
- iii. Give details of the top ten alumni occupying prominent positions.
- iv. Give details of the contribution of alumni to the growth and development of the institution.

(i) List of Current Office Bearers:

Name	Designation	Name	Designation
Dr. Amit Chatterjee	President	Shri Pradip Bairi	Joint Secretary
Shri Ashok Choudhuri	Member-Advisor	Shri Pranatosh Chatterjee	Treasurer
Shri Amitava Sen	Vice President	Shri Subandhu Bhattacharya	Executive Member
Shri Pantoo Nag	Vice President	Shri Susenjit Paul	Executive Member
Smt. Rekha	Vice President	Shri Mihirlal	Executive Member

Mukherjee		Mukherjee	
Shri Chittaranjan Bhattacharjee	Vice President	Shri Nirmal Samajpati	Executive Member
Shri Durga Prasad Basu Roy Choudhury	Vice President	Shri Bimalendu Sarkar	Executive Member
Shri Dilip Ghosh	Secretary	Shri Binay Basu Mullick	Executive Member
Shri Dipak Roy Choudhury	Joint Secretary	Shri Dipak Kumar Ghosh	Executive Member

(ii) List of its activities during the last two years:

(a) Year 2008:

Maharaja Manindra Chandra College Praktani (Alumni) arranged a cultural function at Girish Park on 21st Feb, 2008, which is regularly arranged at an interval of 2/3 years for the purpose of entertainment of the members of alumni and their family members and well-wishers. During this year, alumni jointly with the college authorities arranged a Reunion Festival which is organized on 15th August biannually.

Anniversary Memorial Lecture which is arranged jointly with the college authority every year in memory of the Late Maharaja Manindra Chandra Nandy, was held this year on 12th Nov, 2008 in the College Lecture Hall.

Like every year, Alumni arranged for award of prizes to the toppers in the Final University Examination of each of the three streams, viz. Science, Arts and Commerce out of its Endowment Fund this year. Alumni also awarded “Chittaranjan Pal Smrity Gold Medal” this year to the topmost three prize winners from Alumni students’ aid fund. Alumni moreover arranged for the payments of Final University Examination fees to fifteen needy examinees of the college from the students’ aid fund.

(b) Year 2009:

Alumni arranged its annual picnic on 18th January, 2009. In this year also, Alumni awarded prizes to the toppers in the University Final Examination of each of the three streams, viz. Science, Arts and Commerce out of its Endowment Fund and “Chittaranjan Pal Smrity Gold Medal” from the students’ aid fund.

Alumni felicitated Dr. Amit Chatterjee, a Life member of Alumni and associated with it since its inception on 18th April, 2009, as he had taken the charge of the college as Teacher-in-charge.

Like every year, in this year also, Alumni arranged for payments of University Final Examination fees to fifteen needy examinees of the college from the students’ aid fund account.

On 12th Nov, 2009 as like previous years, Maharaja Manindra Chandra Nandy Anniversary Memorial Lecture was arranged jointly with the college authority.

(iii) Details of the top ten alumni occupying prominent positions:

List of the top ten alumni occupying prominent positions:

Name	Prominent Position
Shri Rudra Prasad Sengupta	Drama
Shri Pantoo Nag	Cinema
Shri Chinmoy Roy	Drama and Cinema
Dr. Ami Kr. Chatterjee	Teacher in Charge of Maharaja Manindra Chandra College
Dr. Himabanti Bandyopadhyay	Reader, Rabindra Bharati University

Shri Sanjib Chattopadhyay	Writer (Literature)
Shri Paramesh Acharya	Literature
Smt. Haimanti Shukla	Music
Shri Nachiketa Chakraborty	Music
Shri Amal Dutta	Sports

Besides the above, special mention may be made of the following persons:

- (i) Late Ajitesh Bandyopadhyay (Drama)
- (ii) Late Dwipen Sengupta (Drama)
- (iii) Late Mati Nandy (Writer)
- (iv) Late Somesh Das Gupta (Journalist)
- (v) Late Ajoy Ganguly (Cinema)
- (vi) Late Pandit Sukumar Mitra (Music)
- (vii) Late Debashis Das Gupta (Music)

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)

Every year indoor competitions and annual sports are held where the student, faculty and staff participate unitedly and prizes are given after the competitions are over. College social is organized in every year and quiz competitions are held twice or thrice a year. Cultural functions and inter-departmental cultural competitions are also conducted and the cultural sub-committee of the college monitors them. Prizes are distributed in such functions too.

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.

All three streams (English / Hindi / Bengali) publish wall magazines, while the students publish a common journal (Khasra). The teachers publish a news bulletin (Padakhep) which comprises of the departmental activities and achievements.

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

Yes there is a student's council where students from every year and all departments of three streams i.e. science, arts and commerce elect and send their representatives. The Student Council comprises of Vice - president, General Secretary, Asst. General Secretary and other elected representatives with Principal as the President.

The major activities of the Students' Council are related with the beneficiary of the students. They arrange different cultural and educational programmes like quiz, music, recitation, drama, drawing competitions; annual sports, freshers' welcome, music festivals every year involving most of the students. The college authority provides the best monetary support to organize all these functions.

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

Academic sub-committee has a student's representative. It takes decision about the date of examinations prize distributions, results analyses, attendance records and cut-offs for allowing the students to attend the university exams.

The governing body of the college has a student's representative from the student's council. It takes all the major decisions regarding financial, academic, administrative purposes of the college.

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?

The non-teaching employees and the teaching staff of the college have their representative to the highest policy making body of the college. The suggestions and shortcomings are directly intimated to the Governing Body and the Governing Body tries its best for the redressal of their demands and grievances. The Principal regularly meets the employees to listen them and takes proper measure for the benefits of the employees.

The outgoing students or graduates give their feedback on mainly academic scenario and suggest improvements that can be made for the up gradation of the college.

5.4 Best Practices in Student Support and Progression

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

Financial aids to the under-privileged students.

Academic and personal counseling to the students in all matters concerned.

Conducting the student's union elections smoothly, formation of Student's Council and allowing them to represent major governing committees.

Assuring safety and security to all students including the female students (by the sexual harassment cell) and helping them to take part comfortably in all college activities.

Criterion VI: Governance and Leadership

6.1 Institutional Vision and Leadership

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

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

b) translates its vision statement into its activities?

The vision of the college was to spread knowledge uniformly among all the classes of Indian society irrespective of their caste, creed and religion. At present its mission is not only to distribute knowledge to all parts of the society but at the same time it endeavours to provide facility to the students so as to enable them to have all round skills so that they can cope up with the recent competitive job market.

The policy of the Higher Education Council is to extend education to all parts of the society as well as to ensure that students have depth of knowledge, so that they can have access in the competitive examinations. Our mission is thus in tune with the objectives of the H.E. Council of the nation.

The students of this college generally come from a mediocre and financially backward family. Counseling is done on a regular basis so that they get interested in the subject they are learning. This way the college endeavours to impart knowledge to all parts of the society.

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

The principal takes positive measures so that all the classes are taken regularly and smoothly throughout the session. Meeting with the guardians are done on periodical basis so that they are aware of the drawbacks of their wards. The administration also takes care that overall discipline of the college is maintained.

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?

The principal holds regular meetings with the teaching and non-teaching staff and enquires about the measures taken for the up gradation of the students. A annual departmental report in this regard is also submitted to the administration by the heads of the respective departments.

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?

A students' feedback is collected every year from the outgoing students about the teaching and learning process of each department. Suggestions are also taken how the teaching process can be made more convenient for them.

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?

The management strictly tries to ensure that all the members of teaching and non-teaching staff arrive and leave in time and maintain their duty hours as mentioned in the university statute. The management also requests the staff to help the administration in academic and other relative matters.

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

Apart from the statutory sub-committees, a few sub-committees are framed by Governing Body on different perspective for the smooth running of the Institution. The different problems are regularly discussed by the Principal/Teacher-in Charge with the members of the sub-committees and the outcome thereof is placed in the Governing Body for solutions.

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 Governing Body is the highest policy making body.
- The Teachers' Council: It functions as an academic advisory body
- Finance Committee: It is the advisory as well as monitoring body in respect of financial matters of the College.

The details of the decisions taken with respect to different bodies are available at NAAC office and **please see Annexure I for the other informations.**

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 of the college is decentralized. There are different sub committees approved by the Governing Body of the college to look after different aspects of administration.

The convenors of the respective committee hold regular meetings and submit the minutes to the administration for necessary action.

6.2.3 Does the institution have effective internal coordination and monitoring mechanisms?

If yes, specify.

Yes. The coordination of the activities of the College office is the duty of the Head Clerk. The Principal is the overall in charge and monitors the performance of the office staff from time to time. The coordination of the academic departments is achieved by the supervision of the Academic Sub-Committee, the Routine Committee and the Examination committee. The Principal, and the Convenors of all these committees, have overall control of the academic activities of the college.

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.

No, there is no such cell as such but the staffs are always at liberty to talk to the principal about their grievances.

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?

There is no such provision for meeting with the management. The teachers as well as the non-teaching staff send their representatives to the Governing Body, which is the highest policy making body. Through representatives, the employees have the scope for expressing their opinion. The Principal is always eager to listen and solve any problem. He meets the staff at regular interval.

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

Yes, there is such a cell which functions accordingly.

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 different sub-committees are formed for the betterment of the institution comprising of the Teachers, Students, Non-Teaching Staff and Administrator. These sub-committees suggest solution to the problem arising from different issues to the Governing Body to make a positive solution.

Please see Annexure I for the power, function and constitution of different committees.

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

Different sub-committees are constituted by the members who belong to the three sections (Teachers, Students, Non-Teaching Staff) of the college. The Principal meets these sub-committees at regular intervals regarding the development of the Institution and takes proper measures to increment the outcome of the said meetings.

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 details of the decisions taken with respect to different bodies are available at NAAC office and **please see Annexure I and III for the other information.**

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?

Yes, there an MIS in the college and this gets information regularly from different convenors of the committees.

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.

Yes, the administration scrutinizes the feedback obtained from different sources and takes effective measures about it. Though there is no official record in this respect, but the necessity of the students are met by taking extra classes as well as helping them with supply of books. Question papers of university examinations are solved and help is provided with proper suggestions so that they can get themselves prepared for competitive examinations.

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.)

Seminars are arranged by different departments and teachers of all other departments attend the seminars and exchange their views. The instrumental and chemical facility available in one department is shared with other departments as and when required. For teaching interdisciplinary courses, the teachers of aligned departments discuss and prepare the teaching outline.

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? If yes, how?

Self-appraisal reports are regularly maintained by the teaching staff and student feedbacks from the outgoing students are recorded every year. Parent-teacher meetings are held and any suggestions made by the parents are implemented. The administration discusses the self-appraisal reports submitted by the teachers with the respective departments and gives suggestions for academic up gradation. The faculties are supported by infrastructural facilities to carry out research work in the college premises.

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)

The administration helps the staff during their financial crisis by giving them salary in advance. The college also has constituted an Employer's Benefit Fund and loans are sanctioned to the staffs who are in need. Teachers' are always encouraged to attend faculty improvement programmes like FIP schemes, orientation and refresher courses and often the non-teaching staff are sent for special training programme to make them competent for modern techniques. The college sanctions leave to the teachers as permitted by the statute of the university to carry out their research work within the country and abroad.

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?

Teaching Staff

As soon as a vacancy arises against any Govt. approved post it is reported to the West Bengal College Service Commission (WBCSC) as per their proforma. The requisition to WBCSC is submitted in strict conformity with the 100-point Roster (category wise). Previous authentication of such roster from the Back Ward Class Welfare (BCW) department, Govt. of West Bengal in regard to reservation for SC/ST/OBC candidates is required. In case no suitable reserved candidates are available for any of the reserved vacancies, the vacancy concerned needs to be de-reserved as per the rules of the BCW Dept., Govt. of W.B. From the subject-wise merit panel prepared by WBCSC, a suitable candidate is recommended by the Commission. After receiving recommendation from the WBCSC the candidate is issued an appointment letter by the Principal with the approval of college governing body (GB) and he then joins the post within the date as specified in the letter of appointment. The teacher remains on probation normally for a period of one year, at the end of which his service is confirmed in the meeting of the GB, provided the teacher performs his/her service satisfactorily. A teacher so appointed is paid salary by the state government after fixation of his/her pay by the DPI, Education Directorate, Govt. of

W.B. Until then the college provides a salary in advance in order to support financial requirements of the newly appointed teacher.

Non-teaching staff

Whenever a vacancy arises, the state government needs to be approached for necessary permission to fill up the vacancy. After obtaining such permission, the local Employment Exchange has to be informed about the vacancy and also an advertisement is published in the newspaper. Names received from the Employment Exchange along with the candidates who apply directly are called for an interview by the Principal for selection. The selection committee (also known as standing/screening committee) consists of the teacher representative of the GB, University nominee and a nominee of the DPI. Candidate thus selected is given appointment with due approval from the GB. The staff so appointed is paid salary by the State Government after fixation of pay from the DPI, Education Directorate Govt. of WB. The appointed non-teaching staff is to remain on probation normally for a period of one year, at the end of which his service is confirmed in the meeting of the GB. The confirmation is given on satisfactory performance of the candidate.

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, specializations)

Criteria: Whenever there is shortage of adequate number of substantive faculty, the authority arranges provisions for recruiting the college full time contractual/college part time contractual and guest lecturers. However, the minimum recruitment criterion for the all above mentioned posts is Masters in the respective subject with 55% of marks.

Type of Recruitment	Salary Structure	Workload
College full time contractual Lecturers	Rs. 8000/- per month consolidated	24 classes per week
College part time contractual Lecturers	Rs. 4500/- per month consolidated	16 classes per week
Guest lecturers	Rs. 100/- per class	Maximum 11 classes per week

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).

The college regularly arranges seminar, lectures for the development of teaching skill and the teachers are allowed to attend Refresher courses /orientations courses, syllabus oriented workshops and meetings at university levels for their development of teaching. The college Governing Body makes arrangement for group training of the non-teaching staff. The training programmes mainly consist of training in Computer Applications and Accounting. Research work carried out by the teaching faculty within the college premises is supported by allotment of rooms and other infrastructures. Faculty development programmes like FIP schemes are also always encouraged and forwarded.

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.

There is no specific mechanism to assess this. But according to the UGC approved protocols for Career Advancement Schemes the faculties are notified and requisite steps are taken accordingly to carry put the necessary procedures.

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 faculty are provided with spacious staff rooms to sit, relax, discuss inter and intra departmental problems as well as carry out individual study or departmental work. The seminar libraries maintained by few departments also have extra space and room for study. The faculty have the access to all sorts of books, periodicals, journals whenever required for their teaching or research purpose.

6.5 Financial Management and Resource Mobilization

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?

Yes, the institution gets financial support from bodies like UGC, State Govt. etc. for the betterment and up gradation of academic as well as other resources. Detailed data of the grants received in last three years is available in the audit reports available at the NAAC office.

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

In the year, 2009, Honorable M. P. Shri Arjun Singh had donated an amount of Rs. 10 Lakh for the development of this college.

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

There is an adequate budget regulation and allocation in order to meet the day-to-day needs and expenses to run the classes and other institutional functions smoothly.

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

Please see Annexure III for the details.

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.

Yes, the accounts are audited from time to time. The detailed audit-procedures are available at the NAAC Office in the college.

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

Yes, the financial management like fund allocation, maintenance of employer's benefit scheme funds and loans as well as other accounting systems have already been computerized. There are separate computers supplied to the different sections of the accounts department and to the chief accountant for this purpose.

6.6 Best Practices in Governance and Leadership

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

The administrative policy followed by the institution is completely democratic. The Head of the Institution takes decisions after receiving the suggestions and contributions from all three sectors of the college (teaching, non-teaching and students) and the Governing Body.

Criterion VII: Innovative Practices

7.1 Internal Quality Assurance System

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

The institution ensures the quality of its academic programmes through monitoring of the results of class tests and university examinations along with the feedback from the students and alumni.

The College keeps track of timely completion of routine office work and implementation of the decisions of the Governing Body. The Principal reports the progress of implementation of G.B. decisions made earlier in each G.B. meeting. The Principal also receives grievances and arranges their redressal so that all segments of the staff and students are satisfied about the functioning of the College administration.

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

- The institution monitors the results of class tests and university examinations to achieve quality in its academic activities.
- The College has plans for development of the ability of office staff through training in computer use and accounting.
- The college carries out tutorials and remedial classes for enhancement of academic excellence of the students.

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

The outgoing students submit regular feedback each year about the curriculum, teaching methodologies and campus experience.

Feedback is also obtained through student-parent-teacher meetings.

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?

The institution ensures that student-parent-teacher meetings are held each year on a regular basis in all departments where the students and also guardians are free to express their problems and tender opinions to improve the teaching-learning process. It is ensured by the head of the institution that these meetings are held on a regular basis.

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

Although it is not always officially recorded but the teachers of respective departments carry out regular counseling at a personal level of the students to help them to face not only the university examinations but also other competitive exams and job interviews. They are helped with study material, which are not included in their curriculum, to enhance their capability for examinations other than University examinations.

Some reputed organizations come on a regular basis for campus interviews, workshops and seminars to guide the students for job recruitment.

There are value-added certificate courses, which help the students to gather extra knowledge and credential for their future job opportunities.

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 b) Economically-weaker and c) Differently-abled

- The institution, according to the government policy secures a fixed percentage of seats during the admission process in each subject for socially backward classes.
- Special tutorial classes have been arranged for the socially backward candidates. The U.G.C. has sanctioned a grant for this purpose in the last five year plan.
- For economically weaker students the institution waives their course fees and the respective departments help them by providing books.
- The teachers help the differently-abled students at a personal level so that they may carry out their classes smoothly.
- Apart from the above points, in general no fees are taken from all the applicants for the admission forms during the admission procedure.

7.2.1 What efforts have been made by the institution to recruit Staff from the disadvantaged communities? Specify?

a) teaching

b) non-teaching

(a) Teaching staff

As soon as a vacancy arises against any Govt. approved post it is reported to the West Bengal College Service Commission (WBCSC) as per their proforma. The requisition to WBCSC is

submitted in strict conformity with the 100-point Roster (category wise). Previous authentication of such roster from the Back Ward Class Welfare (BCW) department, Govt. of West Bengal in regard to reservation for SC/ST/OBC candidates is required. This criteria is strictly followed by the College.

(b) Non-teaching staff

For recruitment of non-teaching staff, Orders of the Government of West Bengal have been followed. During recruitment the reservation quota for the disadvantaged communities is strictly maintained.

7.2.2 What special efforts are made to achieve gender balance amongst students and staff?

- The different administrative sub-committees are represented by an ample number of both male and female staff. The Governing Body also has been formed with a respectable number of female staff.
- Both male and female students represent the students' council equally.
- The college also encourages the female students to participate in NSS and NCC units.

7.2.3 Has the institution done a gender audit and/or any gender-related sensitizing courses for the staff/ students? Give details.

No.

7.2.4 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

Free special tutorials have been opened for the socially backward students to attract them towards learning. During the admission each year, a percentage of seats are fixed for them.

7.2.5 Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

No.

7.2.6 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?

The institution promotes social responsibilities and citizenship roles among the students through the following activities

- By Survey work and conducting health camps in adjacent underdeveloped areas around the College, in which students play an important role.
- Extension programmes through NSS and NCC

- The staff also participate in the health camps, seminars and other social-activities in the slum areas carried out by the NSS unit of the college
- Poor street children have been provided food, clothing etc. and excursions have been arranged for their recreation.

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 college involves all its stakeholders in planning, implementing and evaluating the academic programmes-

- a. Through the constitution of the Governing Body, the highest policy making body.
- b. Through the co-operation with the Local Body i.e. the Municipality.
- c. Through the acceptance of opinion of the students' Union.
- d. Through the inter-action with the opinion of parents.

7.3.2 How does the institution develop new programmes to create an overall climate conducive to learning?

- The teaching methods are modified regularly like the incorporation of audio-visual learning aids, power point presentations and arrangement of seminars delivered by the students.
- Educational excursions are arranged throughout the year at different times by various departments to make the students acquainted with industrial, technological and global developments.
- Student-parent-teacher meetings are arranged on a regular basis.
- Workshops are conducted by eminent organizations from time to time to encourage the students towards modern methods.

7.3.3 What are the key factors that attract students and stakeholders, to the institution and result in stakeholder satisfaction?

- No fees are taken for the admission forms
- The college has a convenient location and is easily approachable from all corners of the city and its outskirts
- The college encourages students from socially and economically underdeveloped communities towards learning
- Campus interviews and direct recruitments are done on a regular basis
- The Students' Council arrange social and cultural programmes every year
- Prizes are awarded by the college to the students for each subject in three streams separately. Individual student who qualify with highest marks each year is chosen for the said prize
- The past glorifying history of this institute attracts the stakeholders

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?

The overall development of the students in respect of curricular, co-curricular as well as other activities are made by encouraging students to deliver lectures in students' seminars, to write articles in the departmental magazines, and to participate in the community oriented survey work. The students are also inspired to take active roles in social and cultural activities for their personal development.

7.3.5 How do you anticipate public concerns in your current and future programme offerings and operations?

According to the social demand the institution has introduced technology and job oriented courses and certificate courses, computer science honours, journalism and mass communication honours courses.

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?

The institution promotes social responsibilities and citizenship roles among the students through the following activities:

- By survey work and conducting health camps in adjacent underdeveloped areas around the College, in which students play an important role.
- Extension programmes through NSS and NCC
- The NCC unit exclusively helps the students to get job opportunities and fellowships from the government

7.3.7 What are the institutional efforts to bring in community-orientation in its activities?

- NSS extension programmes and NCC trainings
- Helping poor children

7.3.8.1 How does your institution actively support and strengthen the neighborhood communities? How do you identify community needs and determine areas of emphasis for organizational involvement and support?

- The college has started job-oriented courses according to the community needs
- Poor children are helped according to their need.
- NSS programmes are organized in slum areas
- Through local representation in the governing body and the alumni. These two bodies consist of many local people who are also involved in determining organizational policies.

7.3.8.2 How do the faculty and students contribute in these activities?

- NSS activities
- TIC is a member of the alumni
- Teacher's and student's representative in the governing body and other committees

7.3.9 Describe how your institution determines student satisfaction, relative to academic benchmarks?

- Student feedback from the outgoing batch
- Student-parent-teacher meetings

Do you update the approach in view of the current and future educational needs and challenges?

Yes

7.3.10 How do you build relationships?

to attract and retain students

to enhance students performance and

to meet their expectations of learning

- The students are counseled by the faculties of the respective departments before each university examination as well as competitive examinations in order to help them to cope up with the hardship of the examinations.
- Parent-teacher meetings are conducted on a regular basis to keep their guardians updated with their performances and also their complaints and suggestions are received in order to help them to proceed smoothly with the vast academic vista.
- The placement cell of the college helps the final year students to seek job opportunities through campus interviews.
- Poor and economically weak students are often given books and study materials free of cost by their respective departments and free student-ship is permitted for them so that they may continue their courses without stress.
- Question-answer discussions are arranged in the classes regularly and written-answers are corrected by the teachers to enhance their performance in university examinations.
- Seminars and quizzes are arranged by the departments as also centrally to attract them towards the changing scenario of academic world.
- The students proceeding to higher studies also get recommendations from the teachers to pursue research oriented career and Ph.D. in reputed institutions throughout the country.

7.3.11 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?

- There is a grievance redressal cell
- Sexual harassment cell

- Direct reporting to the highest authority
- Teacher's council
- Non-teaching staff union
- Students' union
- Time to time meetings of these cells are held and resolutions are taken and implemented

1. In case of Non-teaching staff:

The grievances are brought to the notice of the Principal through Head Clerk in the case of office, Librarian in the case of library and various Heads of Departments, in case of respective department. Some times the employees freely express their grievances directly to the Principal through their Association.

2. In the case of teaching staff:

Their grievances are expressed through the secretary Teachers' Council and redressed at a confidential meeting of the Principal, Secretary Teachers' Council, and sometimes Head of the Department concerned. The grievances of a general nature affecting a large number of teachers are taken up, discussed and redressal measures are taken at meetings of Teachers' Council.

3. In case of students:

Aggrieved student brings his/her grievance to the notice of the Principal who refers the matter to the Grievance Redressal Cell. The members hear both parties individually or jointly and the decision is forwarded to the Principal for necessary action.

C. Evaluative Report of the Departments

Department of Bengali

History

The department of Bengali established in the year 1941. At that time Prof. Dhirananda Thakur took the charge of this department. Bengali department started the Honours Course in the year 1948 with a humble beginning under an able guidance of professors like Prof. Sitangshu Sekhar Bagchi, Prof. Rathindra Nath Roy, Prof. Sachinath Bhattacharya, Prof. Rabindu Gupta, Prof. Bishnupada Bhattacharya, Prof. Chittaranjan Ghosh, and Prof. Kalipada Sen. Bengali was also taught at that time as an elective subject in the higher secondary syllabus.

The department has seen exceptional teachers, who have remarkable contributions in the success of this department, though some are no more like Prof. Panchugopal Dutta, Prof. Panchanan Chakraborty, Prof. Kanak Bandopadhyay, Prof. Aditya Chowdhury, and Prof. Pompa Majumdar. Others have retired after a dedicated service to the department like Prof. Arun Kumar Chattopadhyay, Prof. Samarendra Kumar Jana.

Many celebrities have been born here like Ajitesh Banerjee, Rudraprasad Sengupta, Ajoy Ganguly, Chinmoy Roy, Dipendra Nath Sengupta, Shantigopal, Asit Bandopadhyay, Debasish Dasgupta, Moti Nandi, Haimanti Shukla, and Satyasadhan Chakraborty, Sukumar Mitra, Ranjit Chattopadhyay, Nikhil Sarkar.

Faculty Profile

(I)

Name	:	Dr. Sib Sankar Ghosh.
Designation	:	Associate Professor and Ex-Head of the Department.
Date of Appointment	:	September' 1983
Academic Qualification	:	M.A. (C.U.), B.Ed. (J.U.), Ph.D. (C.U.)

Topics of research work Baichitra -	:	Satinath Bhadurir Choto Galpo; Bisoy O – Silpariti (Ph.D.)
Teaching experience	:	29 years
Seminars & workshop	:	22
Publication short	:	i) Nanan Pholer Mala. (A collection of Stories) ii) Bangla Sahityer Itihas iii) Satinath Bhadurir Choto Galpo : Bisoy Baichitra iv) Dhatri Debota (Edited Book) v) Jedin Geche Chole
Number of papers Published during last 5 years	:	31
Research Project	:	One U.G.C. minor research project
Other Activities	:	i) Singer and script writer ii) Acted in various films and Television Serials iii) Anchor of the Talk Shows in different media including Television

(II)

Name	:	Smt. Dipanwita Bhattacharya.
Designation Department	:	Associate Professor and Head of the
Date of Appointment	:	01.08.1997
Academic Qualification Bharati	:	M.A. (C.U.), continuing Ph.D. in Bishwa University
Topics of research work	:	“Bingsa Satabdir Bangla Golpe Samparker

Baichitra, Manus ‘O’ Manusheytor Prani”

Teaching experience	:	13 years
Seminars & workshop presented	:	40 seminars attended out of which paper in 4 of them
Publication	:	Books-
Bikshane.		i) Galpokar Bonophool Bodhe ‘O’
		ii) Rabindranather Adhyatmoraser KabyoKheya
		iii) Rabindranather Ghare Baire – Bishaye ‘O’ Nirmane
		iv) Rabindranather Sahitya: Bishaye ‘O’ Baivabe
		v) Bishanno Batas ‘O’ Chinno Muhurto (A collection of poetries)
		vi) Antarlin Roddur (A collection of short stories)
		Other Articles - 81
Number of papers published in last five years	:	20
Other Activities	:	i) Is an active member of different N.G.O’s
painter		ii) Is a good orator and script writer and

(III)

Name	:	Dr. Sipra Majumdar
Designation	:	Assistant Professor (Stage 2)
Date of Appointment	:	20.06.2005
Academic Qualification	:	M.A. (C.U.), B.Ed. (C.U.), M.Phil (R.B.U.), Ph.D. (R.B.U.)
Topics of research work	:	1. “Utpal Dutter Char Bochorer Panchkhani Rajnaitik Natok (Topic in M.Phil.) 2. “Rajkrishna Roy: Manche o Natoke” (Topic in

Ph.D.)

Teaching experience	:	05 years
Publication	:	i) 'Utsomukh' – 14 th Barsha-1 st Sankha Oct- Dec, 2003. "Rajkrishna: Roy Ekti Bisrito Sahityobyaktitto" ii) 'Utsomukh' – 15 th Barsha-1 st Sankha Jan- Mar, 2004. "Rajkrishna: Roy Ekti Bisrito Sahityobyaktitto"
Seminars and workshops	:	01 in 2008
Other Activities	:	Singer, orator and acted on stage and in films

(IV)

Name	:	Dr. Prasun Majhi.
Designation	:	Assistant Professor (Stage 1)
Date of Appointment	:	21.06.2005
Academic Qualification	:	M.A., Ph.D. (C.U.)
Topic of Research from	:	Bangla Upanyase Myth – Puraner Byabohar 1947- 1997
Teaching experience	:	05 years
Publication	:	i) AKAL BASANTA: TIN EKKE TIN In "GALPOCHARCHA" – Edited by Dr. Ujjal Kr. Majumder ii) JIBANER MEGH-O-ROUDRA in "RABINDRAGOLPER AKAR-O- AKOR" – Edited by Pradyut Biswas iii) NAJRUL KABYA: SILPARUP-O- MANAN: IN "SANBIKHAN" 2 nd edition (Baisakh 1413)

- iv) BANGLA-O-HINDI SAHITYAER
DUI
NAKHATRA in “AGANTUK” 28th
Anniversary Issue.
- v) SAMPARKER BANDHANE DUI
SAHITYIK: BIDYASAGAR – O –
MADHUSUDAN in “TANUBALI”-
KOLKATA BOOKFAIR -2006
- vi) OUPPANASIK NAZRUL ISLAM:
in
“TANUBATI” – SARODIYA –
1413.
- vii) AJKER PREKHITE
BARNAPARICHAYER
PUNORMULAYAN: in
“UTTARAN” – Maharaja Manindra
Chandra College Academic Journal
(2005 – 2006).
Has also written 18 other articles

Other Activities : singer and orator

(V)

Name : Sri Supriyo Chattopadhyay

Designation : Guest Lecturer.

Date of Appointment : August’ 2004

Academic Qualification : M.A. (C.U.), B.Ed. (C.U.)

Teaching experience : 06 years

Publication : 05 articles in several little magazines.

Other Activities : Singer, orator and regular artist of F.M.
channels on
Radio

Students' Profile

Most of the students of the departments come from Calcutta and various districts of West Bengal and belong to socio- economically backward families.

Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

2005 – C.U. (Hons. + General) syllabus has changed considerably. A new 1+1+1 system has been introduced instead of the old 2+1 system.

Trends in the success and dropout rates of students during the recent years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	34(41) 83%	29(32) 91%	7(41) 17%	3(32) 9%	12%
2003	2006	34(34) 100%	25(25) 100%	NIL	NIL	16%
2004	2007	49(50) 98%	37(38) 97%	1(50) 2%	1(38) 3%	20%
2005	2008	37(38) 97%	48(48) 100%	1(38) 3%	NIL	24%
2006	2009	56(57) 98%	59(59) 100%	1(57) 2%	NIL	14%

Learning resources of the departments – library, computers, laboratory and other resources

- i) Library: (Seminar)
Number of books: above 200
- ii) Periodicals : 2 (Udbodhan & Biswabani)
- iii) Computer: 1 laptop

Modern Teaching Methods in practice other than lecture method

Apart from “chalk and talk” traditional method, OHP is used when required. To help the students to

grasp the subject and for creating a long-lasting impression, sample of best answer script is circulated which upgrades the development of ideas, answer quality, size, neatness, writing discipline, time and space management.

Participation of teachers in academic and personal counseling of students

The friendly relation between teachers and students in the department contributes a lot in the process of teaching. The teachers provide information through counseling to the students about the prospect of various courses that they intend to take up in future and also make them aware of the job possibilities. Also the teachers are in constant collaboration with other teachers of this as well as other colleges and universities which help them to upgrade the students academically. They also try to teach the students to develop interest in the subject so that they can pursue higher studies after they leave the college. The department helps the financially weak students by lending them important books. The teachers help them even outside the class room and beyond college hours. The teachers recommend the financially weak students for free studentship.

Details of faculty development programmes and teachers who have been benefited during the past years

Dr. Sib Sankar Ghosh

Refresher Course: Attended two refresher courses (C.U.1999, J.U.2004)

Seminars and Workshops: One in 2008 and three in 2009.

Smt. Dipanwita Bhattacharya

Refresher / Orientation courses: Attended one orientation programme in 2006 (C.U.) and three refresher courses in 2004 (R.B.U.), 2007 (V.U.) and 2008 (J.U.)

Seminars and Workshops: Fifteen in last five years and twenty-five before five years. She has presented papers in 4 of them.

Dr. Sipra Majumdar

Orientation Programme: Attended an orientation programme (C.U. 2008)

Seminars and Workshops: One in 2008

Dr. Prasun Majhi

Orientation programme: one orientation programme in 2008

Seminars and Workshops: Five seminars

Participation /contribution of teachers to the academic activities including teaching, consultancy and research

All teachers in Bengali departments actively involve themselves in the academic activities through meeting, discussions for enriching themselves with knowledge, culture and overall development. Dr. Sib Sankar Ghosh has acted as resource person at various institutions and universities. He has also served as head examiner, scrutineer and paper setter of Calcutta University, P.S.C. and S.S.C exams regularly. He has been the convener of Uttaran (Academic journal of the college) and the College Prospectus. He is a regular short story writer in eminent magazines like Naba Kallol, Dristibhangi. He is the councilor of Rabindra Bharati University, Netaji Subhas Open University, Vidyasagar University, and Indira Gandhi National Open University. A U.G.C. minor research project plan has been granted to Dr. Sib Sankar Ghosh and he is working on it.

Dr. Sipra Majumdar is the editor of the College Academic Calendar and Working diary in 2010-11 sessions. She has been the examiner of various University exams and the ex- C.T.O. of N.C.C. Dr. Prasun Majhi has also been the examiner of University examinations and P.S.C. examinations. He has also been an ex- C.T.O. of the N.C.C. unit of the College and is now the convener of SC/ST Cell.

Collaboration with other departments/institutions at the State, National and International levels, and their outcome during the past two years

In appreciation of our pecuniary limitations now, we with all sincerity are in the process of finding out relevant information from different sources for collaboration with other departments and institutions at the national level to begin with.

Priority areas for research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

U.G.C. sponsored ongoing minor research project (Rabindranather Chotogalper Chitrarup) has been granted to Dr. Sibsankar Ghosh in the session 2009-2010.

His important publications are “Satinath Bhadurir Choto Galpo: Bisoy Baichitra – O – Silpariti”, “Jedin Geche Chole”, “Bangla Sahityer Itihas” during the last two years.

Important publications of Smt. Dipanwita Bhattacharya are “Galpokar Bonophool: Bodhe- O-Bikshane”, “Rabindranather Adhyatmoraser Kabyo Kheya”.

Placement record of the past students and contribution of the department to aid student placement

Dr. Himabrata Bandopadhyay, an ex student of this department, is working as Vidyasagar Adhyapak in Rabindra Bharati University. Many eminent academicians who are ex-students of this department are Prof. Biswabandhu Bhattacharya who was the H.O.D. of Burdwan University. After completion of under graduation course in this college, most of our students continue with post graduation studies in different prominent universities of the country.

The department can proudly claim that we have served the society enormously not only as teachers, but also as reporters, film directors, actors, singers, technicians, writers and so on.

Plan of action of the department for the next five years

Bengali department aims to take the following steps in near future:-

1. Awards to be granted to those who have secured good marks in the University examinations.
2. Purchasing lot of literacy journals and periodicals and career oriented journals.
3. Purchasing rare books for the departments.
4. Opening coaching camps to coach the students for different competitive examinations.

SWOT Analysis

STRENGTH

The following are the points of strength of the department.

- (1) Close interaction between the teachers and the students.
- (2) A rich collection of books on Bengali literature and language in the library, to which the students and teachers have easy access.

WEAKNESS

Among the points of weaknesses the following may be mentioned

- (1) The students at the intake-level are almost always weak in the written expression, particularly grammar and spelling, and this needs extra time to remedy.
- (2) At the intake level, many students lack exposure to Bengali literature, and the remedy to this is also time-consuming.
- (3) Students of the department are also handicapped by their lack of knowledge of the basics of Sanskrit grammar and English literature and language, without which they cannot draw parallels.

OPPORTUNITIES

(1) There seems to be a shift in the students' aptitude to taking up humanities, particularly due to the good results of the department. There is thus an opportunity to admit brighter and more motivated students in future.

(2) That the honours students who have passed out and got admitted to the university departments for their postgraduate courses have appealed to our department for special classes at the PG level shows that this department has the potential for being upgraded to postgraduate department in future.

(3) Some teachers of the department may develop as research guides in the years to come.

THREATS

Prospective students, who would have done well to study Bengali, sometimes prefer to leave for the so-called more "alluring" subjects.

Department of Hindi

Short History of Hindi Department

Data on the beginning of Hindi Teaching in MMCC is not available- but it is believed that Hindi General Stream was started in the 1960s.

The honours stream has been recently started, in the session 2008.

There was a single teacher for the department since the beginning; and when the present Departmental Head joined in 2001, she was the only teacher of this department, up to June 2008. Strength of teachers increased thereafter and currently, in response to the growing number of students (who were just a handful in the 1960s); post 2000 the number of student increased, presently the total strength of teachers is 4 : 1 full time teacher from College Service Commission, 2 guest lecturers, 1 college whole timer.

From 2001 onwards various cultural programs, inter college cultural and literary competitions, exhibition competition, Hindi Diwas and seminars were organised that enriched the department. The academic condition in terms of quality of faculty and learning transfer process is healthy and adequate. All the teachers of the department are sincerely engaged in teaching.

Faculty Profile - Adequacy and competency of Faculty

Name of Teacher	Designation	Academic Qualification	Research Experience	Teaching Experience
Dr. Sumita Chattoraj	Assistant Professor (Stage 2)	MA, M Phil, B. Ed, Ph. D, Diploma in Translation	M Phil – 1 year Ph.D.- 7 Years	9 years 8 months
Sri Mantoo Das	College Appointed Whole Timer	MA, M Phil, Doing Ph. D.	M Phil – 1 Year	2 Years 2 months
Smt. Priyanka Shaw	Guest Lecturer	MA, NET qualified, doing Ph. D.	Nil	1 Year 2 Months
Smt. Kanchana Kumari	Guest Lecturer	MA, Doing M. Phil.	Doing M. Phil.	4 Months

Students' profile according to programmes of study, gender etc.

1. Programmes
 - a. BA Honours
 - b. BA General
2. The college is co-educational. The subject is preferred equally by both the genders but the number of girls is increasing for the last few years.
3. Students mainly hail from Howrah, Calcutta, North 24 Parganas and other Districts of West Bengal.
4. Students are admitted strictly on merit basis. Students are mostly proficient in Hindi. They also have workable knowledge of English.

Changes made in the courses or programs during the past 5 years and the contribution of the faculty to those changes

Hindi Honours has been approved in 2008 and the teaching started from the same year. Therefore the students are taught the New Syllabus introduced by Calcutta University right from the beginning.

The college is a constituent unit of Calcutta University; hence the college has no role to play in such changes. However, the faculty members take active part in teaching the students according to the changes made in the courses.

Trends in success rate and dropout rate of students in the past 5 years

Honours: The First Batch has appeared in the part I. The result is yet to be published.

Years		Success rate (%)		Failure rate (%)		Drop out (%)	
From	To	(H)	(G)	(H)	(G)	(H)	(G)
2002	2005	N.A.	7(8) 88%	N.A.	1(8) 12%	N.A.	NIL
2003	2006	N.A.	5(5) 100%	N.A.	NIL	N.A.	NIL
2004	2007	N.A.	9(10) 90%	N.A.	1(10) 10%	N.A.	NIL
2005	2008	N.A.	1(1) 100%	N.A.	NIL	N.A.	NIL
2006	2009	N.A.	8(9) 89%	N.A.	1(9) 11%	N.A.	NIL

Learning resources of the departments

a) Central Library

b) Departmental Library:

The department has its own library. The students and teachers normally consult the departmental library and central library, which are quite rich in old and new books. Both these libraries are also rich in journals for students and teachers use.

Other Resources

Maps and Charts

Enhancement of Learning Resources in the past 5 years

Setting Up of the Departmental Library

Enrichment of Central Library with Text and Reference books on the subject

Modern teaching methods other than the lecture method

Specifically for the Department of Hindi the following arrangements exist:

1. Regular class tests are taken
2. Group Discussions
3. Verbal Question and Answers Method
4. The students are motivated to write on the class lectures on their own and get the same checked by the teachers of the DOH.
5. Organizing student seminar on the topic already existing in the syllabus and also organizing departmental seminars presented by external resource persons and cultural programs so that students have an increased level of active interest on the subject/ Hindi literature.
6. Tutorial and special classes are also arranged by the faculty.

Participation of Teachers in Academic and personal counselling of students

1. To enhance the academic standard of average/ below average students, special counselling is arranged by calling the students to the Teachers Room for

explaining the problems regarding the matter already taught in the class. Students with difficulties are encouraged to have personal discussion outside their classrooms.

2. Holding Tutorial Classes
3. Keeping close contacts with the students to understand their various problems which are not basically of personal nature and to suggest remedial measures if possible
4. Students are encouraged to participate in:
Student Seminars
Group Discussions
5. Parent / Guardian -Teachers meeting
6. Student Counselling to understand the academic and other problems faced by students
7. Teachers of the department are always available for personal guidance to the students and they are also helpful to encourage the students for their future prospect. Due to this the student-teacher relationship in the department has always remained excellent. Students feel free to seek advice from any teacher in the department at any time and also over telephone at any time.

Details of Faculty Development Programmes and teachers who benefited during the past five years

To improve the teaching skill, two Refresher Courses and one Orientation Course were attended by the present HOD (only fulltime teacher) .She had also done research under the FIP scheme.

The teachers in the department act as examiners, invigilators etc.

Participation of Teachers in Academic Activities other than teaching and research

The faculties regularly attend seminars on state level / UGC sponsored / national level seminars in order to stay in touch with the latest trends in the subject and to cope up with the changing scenario.

Dr. Sumita Chattoraj and Sri Mantoo Das have attended 5 and 14 national / international seminars in last five years. Dr. Chattoraj has also presented three papers in last five years in different conferences.

Collaboration with other departments and institutions at the national and international levels and their outcome during the past 5 years

Nil

Details of ongoing projects and projects completed during the last 5 years

Nil

Publication of the faculty for the past 5 years

Dr. Sumita Chattoraj (Head of the Department)

1. Publication of a book on M. Phil Thesis Paper entitled *Shakti Chattopadhyay Aur Sarveswar Dayal Sakshena ke kavya mein nagarvোধ ka tulnatmak adhyayan* in Calcutta Book Fair 2007
2. Articles in the College journal Uttaran since 2001 to 2009
3. Wrote a book review on Dr Premshankar Tripathi's book "*Amritlal Nagar ke Upanyas*" in Sahitya Bulletin

A list of the publications of the faculty in last five years is given below:-

<i>Faculty</i>	<i>Articles</i>	<i>Books</i>	<i>Book Reviews</i>	<i>Poems</i>	<i>Translations</i>
Dr. Sumita Chattoraj	8	1	1	Greater than 50	1
Sri Mantoo Das	3	Nil	Nil	5	Nil
Smt. Priyanka Shaw	1	1	Nil	12	Nil

Participation of the department in the extension activities of the college

Organised a study tour as a mode of Education outside the classroom

Placement Records of past students and the contribution of the Department to the students placement

The Department also provides necessary information to the students about job opportunities

No Formal placement records are kept. But according to informal feedbacks, several students are working in various private and public organisations or pursuing careers in performing/creative arts. One student has also joined the Indian Army. Many students are going for higher studies like B. Ed., B. A. Hons. (Spl.) and Translation Course etc.

Significant Achievements of of the department, faculty and students during the past 5 years

A student (Santosh) of Pass Course Hindi had obtained a 1st Class in Hindi from Calcutta University in 2001

Girl students of Hindi Pass Course had won a shield for Dance Competition in Hindi Mela (Inter Collegiate). Many students got prizes and certificates organised by other colleges

The Department and its students organised Hindi Diwas, Inter College Cultural and Literature Competition. The students also organised inter college exhibition competition in which students from various colleges participated. Our department stood 2nd in this exhibition competition.

Students also publish the departmental wall magazine

Plan of Action of the Department for the next 5 years

To organise more seminars

To organise Inter College Cultural and Literary Competition and exhibition competition

Any other Highlights

Hindi Diwas is organised every year

SWOT Analysis

STRENGTH

1. The DOH of MMCC has satisfactory strength so far as teaching facilities are concerned. In pursuing the syllabus of Hindi Honours and General Course the student hardly faces any inconvenience.
2. Faculty members have requisite qualifications.
3. College Library has a rich collection of reference and text books on the subject
4. A Departmental Library for Hindi is being set up
5. A good number of graduate students (General) go for higher studies, while some opt for jobs.
6. Students of Hindi Honours course, which has been approved and started in 2008, are yet to come up with their excellence, which they definitely would. The first batch of the students is expected to graduate in 2011.
7. The DOH is capable of imparting knowledge to both Honours and General stream students

WEAKNESS

1. There is a shortage of full-time teachers from College Service Commission in the department. Most teachers are either college whole-timers or guest lecturers who cannot devote much time to DOH. This hampers the academic interest of the students as well as departmental activities. It is felt that a policy for formation of new posts is required to maintain ideal conditions of teaching
2. Since most faculty members of DOH are guest lecturers / whole timers and not full-time teachers from College Service Commission, they do not attend the college every day. It has become a regular problem to involve them in various departmental activities. This is not conducive to the academic environment.
3. There is lack of Seminar Rooms. Many times this leads to inconvenience for both students and teachers. Rooms needs to be taken from other departments with prior permission for organising seminars, which at times become very difficult
4. Gradual decrease in students' attendance specially in the General Stream is a matter of concern. Comparatively, the students' attendance is far better in the Honours Stream.
5. Sometimes the students of both honours and general courses do not get books from the college central library as there is a lack of library attendant knowing Hindi language. If the students gets a free access to the almirahs where the Hindi books are kept, then this problem can be solved to a great extent since the students will be able to choose books of their wish

OPPORTUNITIES

1. The gradient of admission in Honours stream had been encouraging. There were 8 admissions in 2008 and 20 admissions in 2009 (There are 20 CU sanctioned seats) in Hindi honours course. Under the General Stream there are about 30 students and around 200 HINM (Hindi Compulsory) students
2. Opportunity is also being assessed as under from the perspective of students :

- a. The DOH has a wall magazine in which students contribute a lot. This improves their writing skills and helps in expansion of their knowledge beyond syllabus
- b. For the development of the oratory skill of the students, students present seminars on selected topics. This also helps them to be confident in public speaking and overcome “stage fright”
- c. The DOH arranges lecture by eminent personalities of Hindi whenever possible. Through these lectures the students gain knowledge about contemporary advancements in the field of Hindi
- d. The DOH helps the students in exploring various avenues to pursue further studies by providing them with necessary information.
- e. The Department also provides necessary information to the students about job opportunities

THREATS

The employment scenario in the country as a whole is a discouraging factor for students to pursue this subject since it is not perceived vocational subject.

Department of English

History of the department

The department of English (with Hons. course) established its importance not only as being part of the college since its very inception (1941), but had to its credit two stalwart teachers (Prof. Umapada Dutta and Prof. Sailesh Chakraborty), while the other departments begun with one teacher each. Progressive development led to the increase in student's strength and improvement in their performance under the competent guidance of renowned professors like Prof. Nishakanto Sarkar, Prof. Satinath Banerjee, Prof. Kalyan Bose and Prof. Sambhunath Palit.

In the early 80's the number of Hons students were less than ten. By the early 90's, under the able headship of Prof. SubrataGopal Bhattacharya, more students were drawn to the college and the number ranged from twenty to thirty. The turn of the century saw a great leap and the student strength touched forty and overall results improved remarkably.

The department has seen exceptional teachers, who have left their indelible imprint, though some are no more (Prof. Ashim Gupta), others have retired (Prof. Prabal Dutta) and a few pursued better prospects elsewhere. Worthy of mention are Dr. Somdutta Mondal and Dr. Sangeeta Dutta, erudite scholars, who were among the faculty in the early 80's and are today internationally reputed academicians. Dr. Sangeeta Dutta has turned to film making and lives in London.

Faculty Profile (adequacy and competency of the faculty)

The permanent teaching faculties of the department are regularly involved in academic pursuits beyond the college curricular activities. Apart from assessing college and university answer scripts, they are examiners of PSC papers.

Dr. Nayna De: (Joined the college in May, 2001) M.A. (C.U.) / M. Phil (C.U.) / NET Qualified / Ph.D. (C.U.)

Worked on **Representations of Women in George Eliot's Fiction** (M.Phil, 1998) and **Real and Imagined Women: The Feminist Fiction of Virginia Woolf and Fay Weldon** during her Ph.D.

Is a prolific writer and has to her credit not only books, reviews, reports, translations, stories, poems, scholarly papers published in frequent intervals, but also local/ national awards. She presents papers in seminars/ conferences all over the country.

- Winner of scholarship from *English Speaking Union* for 1993-1994.
- Learnt *German Language* (Basic Level) from *Max Muller Bhavan*, Calcutta (1997).
- Taught as Part-Time Lecturer in Rani Birla/ Kasiswari/ Lady Brabourne

College (1997-2000).

- Took classes at Jaipuria College in 2009.
- Received ***Excellence in World Poetry Award*** (from Chennai, 2009).
- Delivered syllabus based lectures on Lear and Hopkins' poems to the PG Students of Vidyasagar Open Univ. at Women's College (Dec., 2009)

Smt. Madhusri Mukherjee: (Joined the college in November, 1996)
M.A. (V.B.U) / M. Phil (R.B.U.)

Worked on **Joseph Conrad's Narrative Technique** (M. Phil / 1995)
Learnt French Language (Certificate Course) at Vishavarati University (1990)
Taught as Guest Lecturer at Post Graduate level in R. B.U. (1993-2009)

Dr. Someeta Das: (Joined the college in December, 1988), Head of the Department
M.A. (Utkal University) / PhD (Utkal University)
Thornton Wilder: A Critical Study of his Major Critical Works
(Ph.D./1999)

- Is actively involved in social work and is a member of a NGO *Isca*.
- Active participation in a Calcutta based J.N.U. Research Study sponsored by UNESCO: "*A Situational Analysis on Street and Working Children*" (May 2000- Nov. 2000)

Dr. Haimanti Sinha: (Joined the College in September, 1984)
M.A. (C.U.) / Ph.D. (C.U.) / Post Doc. (Nagoya University, Japan)

Worked on "**The Resurgence of the Gothic Novel in 19th Century English Literature**" (Ph.D. / 1994)

A random writer of stories, skits, poems and travelogues, she carried out Post Doctoral research for a year at Nagoya University, Japan. As guest lecturer she takes Post- graduate classes of Vidyasagar University held at Jogmaya Devi College.

- Learnt ***French Language*** (Level 1) at Alliance Francaise, Calcutta (1990).
- Taught in Bethune College (1993-94)
- Acted as subject expert and interviewed English teacher for Town School (Girl's/ Shyambazar / 2002)
- Learnt ***Japanese language*** (basic level) crash- course at Nagoya University (2004)
- Carried out post doctoral research at ***Graduate School of Letters, Nagoya University, Japan*** (April 2004- March 2005)
- Short term study on drama at ***Greifswald University, Germany*** (Dec.2009- Jan., 2010).

Student Profile

Since it is a co-education College that covers Arts/Science/Commerce streams in Undergraduate level of Hons and General Courses of the Calcutta University, therefore students (both boys and girls) from different sections of the society are represented by this department.

Alumni: Established in the late 80's, the association encourages and welcomes all English Hons students passing out of this college to enroll themselves. Prof. Niladri Chatterjee is the President of it.

Changes made in the curriculum in past three years

a) In accordance to C.U. syllabus / exam mode/ curricular pattern changes, the department has abided and accommodated likewise.

b) The introduction of Part Three, the omission of Annual exam/ the inclusion of terminal exams have been meticulously maintained in the Academic calendar.

c) The choice and selection of 8th Paper (special) varies each session between Indian Writing in English and American Literature as per demand of the students.

Trends in success rate and drop outs in past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	13(13) 100%	2(3) 67%	NIL	1(3) 33%	33%
2003	2006	23(23) 100%	1(2) 50%	NIL	1(2) 50%	30%
2004	2007	24(25) 96%	3(3) 100%	1(25) 4%	NIL	32%
2005	2008	26(26) 100%	3(4) 75%	NIL	1(4) 25%	38%
2006	2009	21(23) 92%	12(15) 80%	2(23) 8%	3(15) 20%	29%

Learning Resources

- a) Students are provided with scholarly handouts as and when necessary
- b) Seminar Library: The department runs a moderately well-equipped library to provide reference books in addition to the ones supplied by the main library.
- c) Wall Magazine: The department does not publish any journal, but is part of a wall-magazine, *Troyee*, run by three departments together (Eng. / Beng. / Hindi).

Modern Teaching Methods

Computer as a source of teaching has not yet been implemented in full scale, but we hope to introduce it in the near future.

- a) Occasional film shows are arranged (text-based)
- b) Educational tours: The 1st year Hons students are taken on an educational tour in and around Calcutta.

2006 they were shown the Marble Palace (Calcutta).

2007 they toured the Portuguese influenced town of Chandannagar.

2008 they were taken to the Bandel Church / Hanseswari Temple / Imambara

2009 they visited the Town Hall (Calcutta).

- c) Random Textual Quiz sessions
- d) Group discussions are carried out and frequent write-outs on the current syllabus are supplied to the students.

Participation of teachers in academic/ departmental activities

a) **Meetings:** Around five to six are held in each session. The first one in the first week of the session settles the distribution / reshuffling of the syllabus for the Hons (1st/ 2nd/ 3rd year) and the General students for the entire session. A Lesson Plan is chalked out in accordance to the C.U. exam schedule of Terminal Exam (Nov./ Dec.) and Test (Jan./ Feb./ Mar.), that is divided into three phases : pre – puja, post – puja, post – X'Mas and handed out to the students.

b) **Guardian's Meet:** Per session we have two such meets for the 1st year students: one on the last Saturday of the first month to intimate the guardians of the expectations/ procedures/ attendance/ guidance etc of the Dept. regarding their wards. The second is fixed after the terminal exam to brief the guardians of their wards conduct/ attendance/ performance / in class, tutorials and tests. Copies and answer scripts are shown and Report Cards are given to be signed by the parents.

For the 2nd and 3rd year students, the guardians are asked to meet only if and when there is any specific complaint against a student.

- c) **Counseling Class:** Special classes, both academic and personal, are taken to cater to the problems faced by the new-comers. They are divided into four groups to be dealt with by the four permanent teachers of the Dept.
- d) **Class Tests and Tutorials** are regular and routine based.
- e) **Seminars:** In each academic session the 2nd year and 3rd year Hons. students present text based papers, while the 1st year Hons students just attend to listen to and learn the process. At times eminent Professors from different universities are invited to present seminar papers on syllabus related topics for the benefit of the Hons students.
- f) **Departmental picnics** are arranged for the Hons students of all three years during winter, mostly after their Tests are over.
- g) **Cultural Programs:** In the first week of September a compact function is organized to welcome the new-comers and bid farewell to the out-going 3rd year students. At times other small programs are held on special occasions (Teacher's Day etc).

Faculty Development Programmes

The teachers diligently participate in various academically progressive schedules -

- a) Orientation Programs
Dr. Nayna Dey – 2006
Prof. Madhusri Mukherjee- 1999
Dr. Someeta Das – 1996
- b) Refresher Courses
Dr. Nayna Dey – Two courses in 2003 and 2008
Prof. Madhusri Mukherjee- Two courses in 1996 and 2000
Dr. Someeta Das- Two courses in 1999 and 2001
Dr. Haimanti Sinha- One course in 1999
- c) Attending workshops
- d) Presenting papers in conferences and seminars
Dr. Nayna Dey - a) *Ashapurna Devi's "Chhinnamasta"* at Women's Studies Research Centre (May,2002)

b) *"The Horror of the Act": The New Woman And Subversion in Bram Stoker's Dracula* at Maharani Kasiswari College (April, 2008).

c) *"Speaking Through Androgyny: A*

Commentary on Woolf's quest for a neutral Narrative"
(International Conference) at Dept. of English and Women's
Studies Research Centre (Jan., 2009).

d) "From Innocence to Experience:
Exploring the self in Daisy Abey's Like the Wind"
(Allahabad Univ., Dec.'2009 – International Conference)

e)"Women in the Workplace: the two
faces of freedom" (Mohanlal Sukhadia University, Udaipur,
March. 2010)

f) "Macbeth on Celluloid" at Behala
College, May, 2009.

Dr. Haimanti Sinha - a) 'Tracing the Gothic to the neo-
Gothic' (C.U. / 1988)
b) 'Annihilating Fiend's from
Christendom' (C.U. / 1991)
c) 'The Immortality of Creativity'
(Bethune College/ 1993)
d) 'The Epiphany of the Other'
(C.U. / 1999)
e) 'Identity Crisis' (2006)

f) *Poe's Morbid World (Usher/
Morella etc.)* in 2009

Seminars and workshops have been regularly attended by the faculty:

Dr. Nayna Dey - No. of Seminars - 19

Smt. Madhusri Mukherjee – No. of Seminars – 06

Dr. Someeta Das – No. of Seminars – 29

Dr. Haimanti Sinha – No. of Seminars - 12

Publications: books/ articles/ creative writing

Dr. Nayna Dey:

- a) Book Reviews written in 2001 and 2006
- b) No. of Reports on seminars: 9.
- c) No. of Short stories / Poems: 13
- d) Translations ranging from Anita Agnihotri / Suchitra Bhattacharya to Nabakumar Basu, Esha Dey, Narendra Mitra and Rabindranath Tagore.
- e) The Sunday Statesman Magazine: i) "It is society which classifies professions as male and Female" (2000).
ii) "Only the Lonely" (on chick- Literature / 2004).
iii) "It takes all shorts" (2006).

- f) Academic essays: i) Deconstructing 'Happy Families' in Fay Weldon's 'Man with no Eyes'.
- ii) "A mad woman in the family: The madness and private life of Virginia Woolf" (2007).
- (In Last 5 years Books – 5/ Journal publications- 18/ Newspapers – 16)

Dr. Someeta Das:

No. of short stories: 1

Dr. Haimanti Sinha:

- a) No. of short stories : 3
- b) No. of poems: 2
- c) No of travel narratives: 4
- d) Academic essays :

- 1) "The Ordeal of Looking into Myself – the Other" (1999)
- 2) "Within the Shrouds Of Strangeness": a 'femme fatale' in science fiction" (2000)
- 3) "Gothic supervision in Daphne du Maurier's 'The Blue Lenses' " (2004)
- 4) "The Art of Negation: a Gothic technique" (2004)
- 5) "Curiouser and Curiouser" ...a child's vision and venture into the secret world (2005)

Participation / Contribution of the teachers to academic and other activities of the college

Recording the Books:

- a) The department meticulously maintains a register to cover all departmental activities ranging from meetings to seminars to cultural programs to tours (with photos) to academic notices.
- b) A file for University / College documents, applications, professional profiles, sample questions, syllabus etc.
- c) A register for class test/ tutorial record, exam results, counseling report, students' feedback on teachers.

Dr. Haimanti Sinha mostly organizes the cultural programs of the department and runs the seminar library and in the next session Dr. Nayna De will take over.

Dr. Someeta Das belongs to the committee that arranges the seminars of the college, while

Dr. Nayna De is the co-editor of the journals of the college.

Smt. Madhusri Mukherjee conducts the Annual prize distribution of the college.

Collaboration with other departments /institutions at the State, National, International levels and their outcome during the past two years

At present no such programme exists but in the early years of 2000 there have been two on State and National levels.

Priority areas for research and details of the outgoing projects, important noteworthy publications of the faculty during recent years

Dr. Nayna De, a prolific writer, translator and critic, is a regular participant of National conferences and has to her credit frequent scholarly publications in reputed journals. Her special field is feminist theory and her favourite literary arena is drama, both Elizabethan and Modern as well as Women's fiction.

Prof. Madhusri Mukherjee specializes in late Victorian fiction and early modern poetry.

Dr. Someeta Das's special field is American literature.

Dr. Haimanti Sinha specializes in gothic/ Freudian theory mainly in fiction and her favourite literary field is modern short stories. She has carried out research work in Nagoya University, Japan and also at Greifswald University, Germany.

Placement record of the past students and the contribution of the department to aid student placements

Among the Ex – Students of this department were celebrities like Ajitesh Banerjee and Rudrapasad Sen Gupta. Among academicians, Prof. Niladri Chatterjee, who teaches at Kalyani University.

After completion of under graduation course in this college a few continue with post graduation studies in C.U/ J.U. /R.B.U. A couple of students shift to mass communication for their Master's degree. Others resort to competitive exams and are interested in early jobs.

We can proudly claim that we have served society at large with not only teachers, but also reporters, technicians, managers, lawyers, artists, actors, marketing agents etc.

The basic education given here provides a criterion for many to seek careers in multifarious fields. In administrative and managerial posts today are Pallavi Ghosh (New Delhi), Indrajit Mitra (Airtel/ Gurgaon), Souvik Mazumder (LIC/ Bangalore), Samrat Chatterjee (Pearson Education/ Calcutta); Mir Imran Ali has joined the film industry (Mumbai) and Satrajit Mitra is Music director/films (Calcutta).

Two of our ex-students, Debleena Das and Payel Dey have served as temporary guest-lecturers in our Dept. itself, after they completed their Masters degree from C.U. with flying colours.

Over the years, the students who have proved their mettle and are a pride to the department having scored 1st class in C.U. exams are Prosenjit Chatterjee, Payel De, Soumyabrata Gupta and Unmesh Ganguly.

Future Plan of Action

- a) Admission test for ensuring better quality of Hons Students/ or, Elimination test one and a half month after commencement of the new session.
- b) Preferably a pre-counseling session with both students and parents as most decide to choose English Hons without knowing what learning “literature” means.
- c) Encouraging students with poor hold on language to enroll in the college’s Functional English Course held on week-ends.
- d) Holding (at least one per session) inter-college literary quiz-contest.
- e) Showing (at least three per session) films based on the syllabus (prose/drama) on Saturdays after classes.
- f) Installing one computer in the Seminar library.
- g) Arranging a State/ National level Seminar
- h) Create better rapport between teacher-student through co-curricular activities and ensure regular class attendance.
- i) Provisions for power-point and projector during classroom teaching.

SWOT ANALYSIS

STRENGTH

Over the years, the students who have proved their mettle and are a pride to the department having scored 1st class in C.U. exams are Prosenjit Chatterjee, Payel De, Soumyabrata Gupta and Unmesh Ganguly.

The number of applicants for Hons crossed hundred this year and fifty were selected with cut-off marks at 72%. A very regularized and systematic pattern of curricular and extra-curricular activities are pursued throughout the session.

The basic education given here provides a criterion for many to seek careers in multifarious fields. In administrative and managerial posts today are Pallavi Ghosh (New Delhi), Indrajit Mitra (Airtel/ Gurgaon), Souvik Mazumder (LIC/ Bangalore), Samrat

Chatterjee (Pearson Education/ Calcutta); Mir Imran Ali has joined the film industry (Mumbai) and Satrajit Mitra is Music director of films (Calcutta).

We can proudly claim that we have served society at large with not only teachers, but also reporters, technicians, managers, lawyers, artists, actors, marketing agents etc.

WEAKNESS

The rudimentary weakness of the department is the non-availability of part-time teachers. Since it is beyond the control of the college authority, sometimes adequate number of classes cannot be arranged.

Most of the students of the department come from rural areas where English is taught as a second language at the Higher Secondary level. Their greatest weakness lies in their inability to express their thoughts in English. Some remedial measures should be taken to cope up with this situation.

One major lacuna is that some students depend more on notebooks and handouts collected from other sources. They take less interest in class teaching, textbooks and referential books of real value. This attitude hampers the general prospect of the department. The valuable resources in the library remain under utilized.

The syllabus is framed by the University of Calcutta and the actual time provided to the teachers to complete the syllabus is insufficient. The teachers do not have scope to go beyond the syllabus and the students in general are deprived of some fundamental knowledge, which should otherwise be considered as indispensable.

OPPORTUNITIES

There is a long drawn practice among the meritorious students of this city to opt for English Honours at the graduation level. The trend of encouraging more and more students to come in this field has been made possible by the augmented pressure the English Department to increase its intake capacity during last five years.

The department has the scope to organize seminars, workshop with resource persons from the field of literature and language. This will certainly help to develop a literary aptitude among the students and give them confidence in the use of English language. If the department is provided with more part-time teachers, the teachers can take initiative in introducing courses in Communicative English to enhance the students' proficiency in speaking, listening, reading and writing and thereby, the department can also earn some revenue for the college.

THREATS

If advantageous location is a primary facility of the college, then its fundamental drawback is lack of space, with no structural provision to improve matters.

- More books/ cupboards cannot be purchased to enrich the seminar library.
- There is no separate notice board for the department nor even a cabinet of drawers to store the copies and answer scripts.
- There is no provisional room for individual departments to hold meetings or discussions.
- Students coming with queries/ doubts/ problems out of class are attended to in the corridors.

DEPARTMENT OF HISTORY

History of the Department

The Department of History of Maharaja Manindra Chandra College was formed in 1941-42 under the stewardship of Prof. Tridibnath Roy. Affiliation in History (Honours) was started from 1954-55. The then Principal was Prof. A.C. Banerjee. Formerly general course was introduced. It became one of the reputed Departments due to the presence and volatile activities of versatile scholars like Prof. A.C. Banerjee and Prof. Kiran Chandra Chaudhury. In course of time the demand for admission in the Department exhibited a drastic increment. The department has three full time teachers and one college appointed full time teacher. Besides we have two part time teachers. The Department imparts not only text oriented knowledge to the students but also equip them with sound moral values, boldness, sense of responsibility and social awareness. In a word, the teachers are trying utmost for the betterment of the Department.

Faculty Profile – Adequacy and competency of Faculty

Name of Teacher	Designation	Academic Qualification	Research Experience	Teaching Experience
Smt. Suranjana Sanyal	Assistant Professor (Stage 2)	M.A. (Double)	5 years	22 years
Dr. Samita Sinha	Associate Professor	M.A. Ph.D	10 years	19 years
Sri Tapas Roy	Assistant Professor (Stage 1)	M.A.	NIL	2 years
Smt. Sarmistha Goswami	Lecturer (Part Time)	M.A. M.Phil.	4 years	7 years

Student Profile – entry level competencies, socioeconomic status, language proficiency etc.

It is a coeducation college. The Department offers both Honours and general courses. Lectures are delivered both in Bengali and English languages. For entry into the Department 50% in aggregate and 55% in the subject of study of the previous examination are required as per the norms of the University of

Calcutta. Since its inception the Department is highly engaged in imparting the teaching of History to a large cross section of Society particularly from middle class group. Maximum numbers of students are Bengali speaking. Non Bengali students also study the course. The college is situated in the area of Shyambazar of North Kolkata.

Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

In the year 2001, an application oriented 4th paper was incorporated to each general subject. In the year 2005, the three year degree examination was divided into three annual examinations and the syllabi were accordingly recast.

- 2001 - C.U. Part III (G) 4th paper newly introduced.
- 2005 - C.U. B.A. (A + G) system and syllabus fully changed.
1 + 1 + 1 system has been introduced instead of 2 + 1.

The Department caters students residing mainly in North Kolkata and in North 24- Parganas. Students from other districts of West Bengal have also enrolled themselves in this Department.

From 2005 onwards the entire examination pattern has been modified to 1 + 1 + 1 system. In the year 2007 the First Year Honours students of this Department appeared in Papers I and II in the new curriculum.

Trends in the success and drop out rates of students during the past two years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	54(54) 100%	59(61) 97%	NIL	2(61) 3%	9%
2003	2006	24(24) 100%	49(50) 98%	NIL	1(50) 2%	12%
2004	2007	15(16) 94%	81(83) 98%	1(16) 6%	2(83) 2%	8%
2005	2008	20(20) 100%	104(104) 100%	NIL	NIL	25%
2006	2009	19(21) 90%	126(129) 97%	2(21) 10%	3(129) 3%	3%

Learning resources of the Department – library, computers, laboratories and other resources

The Department possesses a very well equipped Seminar or Departmental library wherefrom students are entitled to borrow books. They are eligible to lend two books at a time from this library. Besides there is a Central library which helps to provide with valuable books and journals. Sometimes with the help of maps and globe the teachers deliver lectures in the class.

Modern teaching methods practiced and use of ICT in teaching – learning

Besides traditional lecture method some modern teaching methods are also applied in the class. These are discussion method, interactive discussion method, quiz, student-seminars etc. Additional academic activities in the form of tutorials, class test, personal and academic counseling as well as parent teacher meeting are carried out to satisfy the personal requirement of individual student. To get acquainted with the subject thoroughly best answer script is read out in the class. Corrections and suggestions are made after the distribution of scripts among the students. Importance is given on answer quality, size of the answer (carrying 5 and 20 marks), spelling, neatness, style of writing, time and space management.

Another important teaching methodology adopted is in the form of Educational Tour and Excursion to the places of Historical importance. Three such tours were organized during the past two years, one at Chandraketurgh and the second at Murshidabad and the last one at Malda. A local visit to Ashutosh Museum was also organized.

Participation of teachers in academic and personal counseling of students

The teachers participate individually in academic and personal counseling of students belonging to First year Honours class.

Details of faculty development programmes and teachers who have been benefited during the past years

Smt. Suranjana Sanyal has attended three refresher courses in 1993, 2003 and 2009. Dr. Samita Sinha has attended two refresher courses in 1998 and 2000. A departmental seminar was organized in April, 2010. The speaker was Dr. Prabir Laha of Journalism Department. He delivered a lecture on “Stamps on freedom movement of India”. The teachers of the department have also participated in seminars of History department, University of Calcutta.

Participation/contribution of teachers to the academic activities including teaching, consultancy and research

Dr. Samita Sinha of the Department has completed her work under minor research project. The title of her project was “Sanskrit scholars and Bengali prose”.

Collaboration with other Departments/ Institutions at the State, National and International levels and their outcome during the past two years

In collaboration with Paschim Banga Itihas Samsad a whole day Seminar on “Banga Bhanga Andolaner Satabarsha” was held along with patriotic songs. The teachers of the Department actively participated in this programme.

Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Dr. Samita Sinha has published an article entitled “Sanskrit scholars and Bengali prose in the Nineteenth century”, which has been published in Bengal Past and Present, 2008.

Smt. Suranjana Sanyal has two publications recently.

- (i) “The Swadeshi movement of 1905 and the urge of National Education”, published in College Academic Journal, Uttaran in 2008.
- (ii) “The growth of elementary education in the 18th and early 19th century Bengal”, published in College Academic Journal, Uttaran in 2009.

Placement record of the past students and the contribution of the Department to aid student placement:

The students of this Department have got jobs in Civil Services of Govt. of West Bengal, in Schools and Colleges and in Banking and Financial Sectors.

Plan of action of the Department for the next five years

The Department has further plans to publish an academic journal. It also plans to hold Seminars at regular intervals. It is also very eager to enlarge its library.

SWOT Analysis

STRENGTH

The following are the points of strength of the Department:

- The department has an impeccable record of academic consistency in that there is above 80 % success in University examination since in the inception of the Department.
- The department has pioneered and been holding open house combined sessions of teachers and pupils for free and frank exchange of views in a cordial atmosphere.
- Among the strengths is our rich stock of books available at the central and departmental library.

WEAKNESS

Following are the points of weakness that may be mentioned:

- To maintain teacher -student ratio first.
- Inadequate language skills, the power of expression and writing skills of the students are awe fully poor, even in their own mother language Bengali, what to speak of English.

OPPORTUNITIES

Following are the points of opportunities, which may be mentioned.

- Discharge its social responsibilities, by organizing workshops.
- Explore possibilities of generating financial resources from Government and Non-Government Organizations.
- Counsel and guide students for competitive examinations.
- Help generate interest for the subject among students of all colleges in general.

THREATS

Market economy has led to the following points of crisis in Social sciences.

- Fall in the student strength
- Uncertainty regarding filling up of vacancies of teaching posts, not to speak of expansion of the faculty.

Department of Philosophy

History of the department

Since its inception in 1941 the department of Philosophy was introduced. But affiliation in Philosophy Honours was secured and the course started from 1954-55. The then principal was Dr. Anil Banerjee. Now it has become a reputed department of the college and the demand for admission in the department is increasing day by day.

The department has four efficient and devoted full time lecturers who devote their service for the betterment of the department. Our students are doing remarkably well at the university examination for the last few years. After passing out from the college they are enrolled for the masters and many other professional courses. Though it is not possible to provide with the names of established students, many of them hold responsible and significant posts in various spheres.

Faculty profile – adequacy and competency of faculty

(I)

Name	:	Smt. Sadhana Das.
Designation	:	Associate Professor
Date of Appointment	:	01.12.1980
Residential Address	:	Flat – 5, 141/2, South Sinthee Rd, Kol – 700050.
		Phone No. 033-2556-8371
Academic Qualification	:	M.A. in Philosophy (C.U.)
Teaching experience	:	29 years
Seminars Participated	:	See details inside the departmental analysis
Field of interest	:	Western Logic

(II)

Name	:	Smt. Swapna Mukherjee.
Designation	:	Associate Professor

Date of Appointment : 10.11.1983

Residential Address : 46/2, B.T. Road, Deep Mahal, Flat – 3G, Kol
– 700002.
Phone No. 033-2557-0764

Academic Qualification : M.A. in Philosophy, M.Phil. (C.U.)

Teaching experience : 26 years

Seminars Participated : See details inside the departmental analysis

Field of interest : Indian Philosophy

Other Activities : Awarded Geetabharati from Geetabitan in
1983.

(III)

Name : Smt. Sarmistha Mukherjee.

Designation : Associate Professor

Date of Appointment : 30.03.1994

Residential Address : 7, Rani Debendrabala Road, Kol – 700002.
Phone No. 033-2556-4153

Academic Qualification : M.A. in Philosophy and M.Phil. (C.U.)

Teaching experience : 24 years

Seminars Participated : See details inside the departmental analysis

Field of interest : Western Logic

(IV)

Name : Smt. Bhaswati Pal

Designation : Associate Professor (on lien).

Date of Appointment : 16.05.1997

Residential Address : 26/H, Simla Road, Maniktala, Kol – 700006.
Phone No. 033-2354-1754

Academic Qualification : M.A. in Philosophy (C.U.), M.Phil (J.U.)

Teaching experience : 19 years

Seminars Participated : See annexure 4

Field of interest : Freudian Psychology.

(V)

Name : Smt. Jayanti Gupta.

Designation : Lecturer (Against FIP Vacancy).

Date of Appointment : 01.09.2009

Residential Address : 626/1, East Sinthee Road, Kol – 700030.
Phone No. 092316 45826

Academic Qualification : M.A. in Philosophy M.Phil (J.U.) and SLET
Qualified in 2004

Teaching experience : 4 years

Seminars Participated : See details inside the departmental analysis

Field of interest : Indian Logic

Student profile – entry level competency, socioeconomic status, language proficiency

<u>No. of Students:</u>	i) 1 st Year (Hons.)	---	33
	ii) 2 nd Year (Hons.)	---	44
	iii) 3 rd Year (Hons.)	---	06

iv) B.A. (general) --- 150 per year approx.

The college is a Co – educational college (Mainly Kolkata, North 24 Parganas and Howrah)

Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

2001 – Paper IV was introduced in general.

2002 – Interchange of Honours paper viz. the 6th paper has been changed to 7th paper and vice-versa.

2005 – Entire examination pattern has been modified to 1+1+1 exam system. Necessary changes in the syllabus are also made by the University. The distribution of syllabus has been changed accordingly among the faculty members in such a way that each and every faculty member can participate in imparting knowledge to the students of each year equally.

Trends in the success and drop out rates of students during the past years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	25(25) 100%	28(30) 93%	NIL	2(30) 7%	10%
2003	2006	9(9) 100%	16(19) 84%	NIL	3(19) 16%	17%
2004	2007	18(18) 100%	28(29) 97%	NIL	1(29) 3%	15%
2005	2008	23(23) 100%	35(36) 97%	NIL	1(36) 3%	17%
2006	2009	7(9) 78%	55(57) 96%	2(9) 22%	2(57) 4%	0%

Learning resources of the department - library, computers, laborites, and other resources

- a) Library – i) Central ii) Departmental
- b) Centralized facility – LCD Projector
- c) Central internet facility.
- d) Other resources: collection and preservation of rare books, lecture materials, hand out, content of eminent scholars, authors, speakers and other teaching experiences (to some advance students photocopies of model standard answers are provided)

Modern teaching methods practiced and use of ICT in teaching – learning

Apart from “chalk and talk” traditional method, discussion method, student seminar, interactive discussion method, quiz competition are applied for the development of standard of the student, size, neatness, writing discipline, time and space management all are analyzed, discuss and taught to the students for their better performance in the examination hall. Preparations of wall magazine, writing of articles in the magazines are insisted to the students for the enhancement of creativity. Educational tour are conducted and submission of tour report by the students are another method of self thinking and creative writing of the students

Participation of teachers in academic and personal counseling of students

This aspect is taken care through the open – house discussion with the students, organizing departmental seminars, meeting of parent and teachers and counseling at the time of admission. The remedial measures are suggested to the students after the evaluation of these answer scripts.

Details of faculty development programme and teachers who have been benefited during the past two years

Two teachers of this department are benefited by faculty development programme.

1. Smt. Swapna Mukherjee: MRP (2006– 2008). U.G.C. sanctioned a sum of 1 lakh.
2. Smt. Bhaswati Pal: MRP (2005 – 2007). And now doing Ph. D. Prof. Pal is on leave now (UGC granted).

S1		Smt. Sadhana das	Smt. Swapna Mukherjee	Smt. Sarmistha Mukherjee	Smt. Bhaswati Pal	Smt. Jayanti Gupta
1.	Orientation Programme	X	X	1	-	-
2.	Refresher Course	04	03	3	03	-
3.	UGC Sponsored seminar	04	04	09	-	2
4.	International Seminar	01	02	01	-	-
5.	National Seminar	02	05	04	07	02
6.	Seminar organized by universities	10	11	04	-	03
7.	Seminar organized by college	20	20	06	-	04
8.	Workshop	02	02	01	-	05
9.	All Bengal	-	-	02	-	-
	Total	43	46	31	10	16

Participation / contribution of teachers to the academic activities including teaching, consultancy and research

Teachers of the department actively engaged in organizing seminars, workshop and in guidance of the students for educational tour and in encouraging them for the preparation of departmental seminars.

Collaboration with other departments / institutions, at the state, national and international levels, and their outcome during the past two years

No such collaboration has been made with other national and international institutions.

Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

1. Smt. Sadhana Das:

Publications:

1. Naitik Jibaner Kromonayon – Khasra (MMCC, Students' Magazine)
2. Kant's Duty and Good will – Uttaran (Academic Journal of the college)

2. Smt. Swapna Mukherjee:

Project – Minor research project (2006 April – 2008 March) – UGC Xth plan.

Title: Rabindranather Jibandarshan (Philosophy of Rabindranath Tagore)

Publications:

1. Samkarya as jati badhaka: some problems (Uttaran' 2003 – 2004)
2. Rabindra Darshane Manuser Dharma (Tattamasi Patrika 2006)
3. Bharatiya Darshane Patabhumikay Rabindranather Dukshatattva (Tattamasi Patrika, April' 2007)
4. Rabindra Chetanay Upanisadiya Bhavana (Biswabani Patrika, July 2008)
5. Rabindra Darshane Satyer Rup (Uttaran 2007 – 2008)
6. Mutualism as a theory of human freedom in the college academic journal Uttaran in 2008-09.

3. Smt. Sarmistha Mukherjee:

Publication: 1. The Adjective 'True' (Uttaran).

4. Smt. Bhaswati Pal:

Minor Research Project – UGC Xth Plan (2005 – 2007)

Title: World of universals.

Publication: Swapne Ichhapuran (Uttaran).
Mental health and adjustment in the college
academic journal Uttaran in 2008-09.

5. Smt. Jayanti Gupta:

Publication:

1. Vyaktitva Vikase Siksa O Mulya in 'Siksakhetre Parasparik Samparka' published by Anjali Publishers released from Jadavpur University in Book fair, 2007.
2. Euthanasia in 'Darsan' (Academic Journal, Second Volume edited by Subirranjan Bhattacharya and Karuna Bhattacharya, published in 2006).
3. Samyoga accepted in 'Bikash', Vol.I, Jadavpur University Journal of Philosophy), now in press.

Placement record of the past students and the contribution of the department to aid student placement

1. Pranati Das (Special Educator in Sarba Siksha Mission)
2. Sudeshna Mitra (Sr. Lecturer of Chandannagar College, Dept. of Philosophy)
3. Tapas Biswas (WBCS officer, BLRO)
4. Pallab Ray (Senior Sales Engineer, JCB India Ltd.)

Plan of Action of the department for the next five years

- a) To publish a departmental journal.
- b) To organized seminars on practical ethics, Child Philosophy.
- c) To organized seminars on inter – disciplinary topics (Philosophy, Political Science, History).
- d) Workshop on different topics related to philosophy both Indian and western.
- e) To invite renowned teachers to deliver lecture.
- f) Organizing Debate.

SWOT Analysis

STRENGTH

- High teacher-student ratio is a very strong aspect of this department, which allows close interactions between teachers and Honours students.
- The library has a large collection of books on Philosophy. Students may enrich themselves by using these books under the guidance of their teachers.
- Students and teachers participate actively in frank discussion in the tutorial classes in various aspects beyond the syllabus.

WEAKNESS

- The greatest weakness of this department is that the newly admitted students generally suffer from the lack of fluency in written expression, especially in English. This also stands as a bar to their comprehending some of the best books in Philosophy written in English.
- Students are found to have very poor basic knowledge of Sanskrit. This creates problems when they are required to study some of the basic texts of Indian Philosophy.

OPPORTUNITIES

In respect of the number and the quality of the faculty members of this department, there is opportunity for an increase in the number of students admitted each year.

THREATS

The greatest threat faced by the department is that the direct employment opportunity in which the knowledge of Philosophy is utilized, is available only in certain limited sectors -such as teaching. This keeps away some of the best-equipped students from opting for this course.

Department of Political Science

History of the Department

The Political Science department of Maharaja Manindra Chandra College was established in 1963. It is the aim of the Department to impart not only text oriented education to students, but also equip them with sound moral value, bold attitude towards life, keen sense of responsibility and social awareness. The department of Political Science of this college, in course of time, has grown in stature. A number of illustrious teachers have blessed this department as faculty members. With the passage of time it has become one of the premier departments of the college.

Faculty profile – adequacy and competency of faculty

The number of sanctioned post of teachers in the Department of Political science is, at present, 4.

However at present, there are three whole-time substantive teacher and 1 part-timer.

All the teachers of this department are quite competent. The entire Whole – Time teachers of the department are Associate Professors. However a problem with regard to the faculty of the department is that a sanctioned post still remains vacant.

(I)

Name	:	Smt. Sumana Chatterjee.
Designation	:	Associate Professor
Academic Qualification	:	M.A. in Political Science
Teaching experience	:	31 years
Seminars Participated	:	26 Nos. (From 2002 – 2009)
Refresher course	:	2
Number of Publications	:	9
Other Activities	:	1. Taught in Women's College under Teacher Exchange Programme. 2. Examining papers of Calcutta University every year. 3. Examined papers of Rabindra Bharati University, St. Xavier's College and Public Service Commission.

(II)

Name	:	Sri Dibakar Banerjee
Designation	:	Associate professor and HOD .
Academic Qualification	:	M.A. in Political Science
Teaching experience	:	24 years
Refresher/orientation programme	:	4 / 3
Seminars Participated	:	08 (last five years)
Other Activities	:	(i) Officer – In – Charge of N.S.S. (ii) Counselor and examiner of UG and PG Political Science of NSOU. (iii) Member of C. U. sports board. (iv) Interviewer of SSC and West Bengal Madrasa Service Commission. (v) Head Examiner & Examiner of C. U. examination.

(III)

Name	:	Sri Arup Sen
Designation	:	Associate Professor
Academic Qualification	:	M.A. in Political Science, M.Phil.
Teaching experience	:	11 years
Refresher/orientation programme	:	4 / 1
Seminars Participated	:	13 Nos. (From 2000 – 2009)
No. of Publications	:	1 Book, 5 Articles
Other Activities	:	1. Acted as a Teacher – in –charge of the Youth Parliament held in the college in 1999.

2. Acted as judge of Youth Parliament held at the following colleges – i) Sivnath Sashtri College in 2000 ii) Vidyasagar College in 2001.

3. Counseling of NSOU and Vidyasagar Distance Education in the college.

4. Counseling of M.Phil. students of Madurai Kamraj University (Calcutta Chapter).

5. Acting as convener of exam cell for conducting college exam and University exam.

6. Acted thrice as teacher- in- Charge for conducting C.U. Exam.

7. Examining papers of Calcutta University every year.

8. Examining papers of Public Service Commission for the last couple of years.

(IV)

Name	:	Smt. Patralekha Sen
Designation	:	Part Time Lecturer.
Academic Qualification	:	M.A. in Political Science.
Teaching experience	:	11 Months.
Refresher/orientation programme	:	N.A.
Seminars Participated	:	06 (Six).
Field of interest	:	Sociological issues in Politics.
Other Activities	:	Guest Lecturer of Rabindra Bharati University.

Student profile – entry level competencies, socio-economic status, language proficiency etc.

The department offer Honours and General courses at the undergraduate level. So students who have passed the higher secondary examination and possessing the requisite criteria, as determined by the University of Calcutta, can enroll themselves as student of this department. The department is affiliated to the University of Calcutta. Both boys and girls can enroll themselves as students of this department. The department caters students residing mainly in north Calcutta and in North 24 Parganas. However students of other districts of West Bengal have also enrolled themselves as students of the department. The majority of the students come from the middle class and not from the affluent section of the society. Almost the entire students of this department come from Bengali medium educational institutions.

Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes.

During the past two years no significant change has been made in the course or programme offered by the Department of Political Science. Way back from 2005 onward the entire examination pattern of this department has been modified to 1+1+1 examination system. In 2007 the first year Honours students of this department appeared in papers I and II in the new modified 1+1+1 examination system.

Trends in success rate and drop out rate of students during the past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	15(15) 100%	57(61) 93%	NIL	4(61) 7%	10%
2003	2006	14(15) 93%	48(52) 92%	1(15) 7%	4(52) 8%	17%
2004	2007	21(21) 100%	94(97) 97%	NIL	3(97) 3%	15%
2005	2008	25(25) 100%	118(119) 99%	NIL	1(119) 1%	16%
2006	2009	9(10) 90%	134(142) 94%	1(10) 10%	8(142) 6%	11%

Learning Resources of the Department – library, computers, laboratories and other resources

The students can use both the central library and the seminar or departmental library. The seminar library which has a huge collection of books of Political Science. Besides sometimes the help of maps and charts are taken to make students understand clearly certain aspects of their area of study. The department has organized state level seminars, seminars by eminent academicians, student seminars, academic quiz-contest and academic excursions. The department has also procured books for the college and departmental libraries. The teachers of the department have also donated books to the departmental library. The department also practices inter-college faculty – exchange programme.

Modern teaching method practiced and use of ICT in teaching - learning

Apart from the lecture method, discussion method and group discussion methods are also followed.

Participation of teachers in academic and personal counseling of students

For academic improvement of students of the department, tutorial classes are held regularly. Personal counseling of students is also conducted. Parent-teacher meetings are also held.

Details of faculty development programmes and teachers who have been benefited during the past two years

The teachers have participated in workshops and have attended seminars. In the past a teacher of this department has delivered some lectures in another college under ‘teacher – exchange – programme’. In the recent past a teacher of the department has also participated in two refresher course programme organized by the Academic Staff College (UGC) and Calcutta University.

Participation / contribution of teachers to the academic activities including teaching, consultancy and research

Teachers of the department regularly attend libraries, participate in seminars, workshops, contribute papers to academic journals. (See the faculty profile)

Collaboration with other departments / institutions at the state, national and international levels and their outcome during the past two years

No such collaboration has been made with other national and international institutions. However inter-college, inter-departmental collaborating programmes do exist.

Priority areas for research and details of the ongoing projects, important and noteworthy publications of the faculty, during past years

The following publications have been published during the last five years:

Smt. Sumana Chatterjee

List of Publications:

1. Chhoto Rajyer Samasya – Bisambad Journal- 1998
2. Some essays of Political Science in the syllabus of Political Science of Rabindra Mukto Vidyalaya H.S. Vol.3 Sept. 2002, Vol.4 Jan – 2003
3. Some essays of Political Science in the syllabus of Directorate of Distance Education: Rabindra Bharati University M.A. Part II, Module 41.
2. Prakriti, Paribesh o Nari – Uttaran 2004. Maharaja Manindra Chandra College.
3. Narmada Bachao Andolan – Ekti samasya – Oct./Dec.2006 Atha Dharitri Katha. Vol. II, Issue-I
4. Marx's concept of relative autonomy of Politics. March 2007. Anweshan, Political Science Journal of Barasat College.

5. Political Socialization – Feb. 2008, Anwesan, Political Science Journal, Barasat College.

Placement record of the past students and the contribution of the department to aid student placements

Records of placement not available till date. We will keep the records in future.

Plan of Action of the department for the next five years

The department has big plans for the next five years. It plans to publish an academic journal regularly. It also plans to organize seminars at regular intervals. It also wants to enlarge its library.

SWOT Analysis

Strength, weakness and opportunities

The strength of the Department of Political Science of this college is that the college is located in a strategic location. Being located in the heart of the north Kolkata, the department can cater to the need of the students of north Kolkata as well as those residing in northern suburbs. The competence and efficiency of the faculty members of this department is beyond any doubt. The seminar library of this department has a huge collection of books.

However a problem with this department is that a sanctioned post still remains vacant. As a result problems are being faced in conducting the classes properly. Moreover the students of this department are not so meritorious and studious. Therefore it is a big challenge for the faculty members to make them understand about the different aspects of the subject and inspire them to get good marks in the university examination.

Nevertheless the department has big aims for the future. It wants to enlarge the capacity of its seminar library. In this regard the faculty members of the department have donated books to the departmental library. The department wants to organize 'Youth Parliament' programme to make the students aware of the parliamentary procedures. In order to express their cultural potentialities, the students need to be encouraged to organize cultural programme. Moreover seminars needed to be organized at regular intervals and an academic journal of the department needs to be published.

DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

History of the Department

This department is unique in the sense that all the students, teachers and staff are involved in doing academic as well as social activities and are engaged in making new approach to the society. This department was introduced in 2003 with pass course. Then the honors course was introduced in 2005. The academic condition in terms of quality of faculty and learning process is healthy and adequate. All the teachers of the department are sincerely engaged in academic and professional pursuits.

Faculty Profile

- a) Adequacy - Adequate
- b) Competency Of Faculty - Competent
- c) No. of Faculty - **12 [Twelve]**

- 1. Sri Biswajit Das(M.A.)** *Head, Department Of Journalism And Mass-Communication(Contractual Whole Time Lecturer)*
- 2. Smt. Sumedha Guha (M.A.)** *College Appointed Whole Time Lecturer*
- 3. Dr. Manas Pratim Das (M.Sc., Ph.D., Programme Producer In All India Radio)** *Guest Lecturer*
- 4. Dr. Prabir Laha (M.A., Ph.D.)** *Guest Lecturer*
- 5. Sri Ujjal Mukherjee (M.A., Journalist Of 24ghanta News Channel)** *Guest Lecturer*
- 6. Sri Dipankar Chatterjee (M.A, Sub Editor Shikshya Darpan)** *Guest Lecturer*
- 7. Smt. Chaitali Bhattacharjee (M.A.)** *Guest Lecturer*
- 8. Smt. Eashika Chakroborty (M.A.)** *Guest Lecturer*
- 9. Sri Md. Mousin (M.A.)** *Guest Lecturer*
- 10. Sri Sourav Gupta (M.A.)** *Guest Lecturer*
- 11. Sri Shubhayu Banerjee (L.L.B, Advocate Of Calcutta High Court)** *Guest Lecturer*
- 12. Sri Abhijit Mondol (B.Com.)** *Computer Instructor*

13. Sri Satyabrata Paul (M.A, Journalist Of Sambad Pratidin) *Guest Lecturer*

14. Sri Dipankar Chatterjee (M.A., Assistant Editor Of Shikshya Darpan, Govt. Of W.B.) *Guest Lecturer*

Student Profile

- a) Entry Level Competencies – Plus 2 Pass Out with 60% in aggregate ; merit list based on the average of Best of 4[Four]

Session 2008 – 2009 [Merit List] : Highest Mark - 88% ; Lowest Mark - 62%

- b) Socio-Economic Status – Upper Middle-Class & Middle-Class

- c) Language Proficiency – English, Bengali and their Respective Mother Tongue

Changes made in the Courses or Programmes during the past two years

N.A.

Trends in the success and dropout rates of students during the past Five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)	
From	To	(H)	(G)	(H)	(G)	(H)	(G)
2002	2005	N.A.	31(33) 94%	N.A	2(33) 6%	N.A	16%
2003	2006	N.A	25(29) 86%	N.A	4(29) 14%	N.A	20%
2004	2007	N.A	41(42) 98%	N.A	1(42) 2%	N.A	22%
2005	2008	19(19) 100%	61(62) 98%	NIL	1(62) 2%	20%	-
2006	2009	30(33) 91%	71(73) 97%	3(33) 9%	2(73) 3%	5%	-

Learning Resources of the Department

- a) **Library** – College Library With Books for Journalism And Mass Communication
- b) **Computers** –Computers [PC WINDOWS with QuarkXPress Ver.5 installed] in College's Common Computer Lab for QuarkXPress Training.
- c) **Laboratories** –Media-Lab. [PC WINDOWS with Pinnacle Studio 9 installed]

Modern Teaching Methods Practiced and use of ICT in Teaching – Learning

- a) Use of **PowerPoint Presentation** for better understanding of the topics.
- b) Publication of Departmental Newsletter '**ASAMBADIK**' for training QuarkXPress.

Participation of Teachers in Academic and Personal Counseling of Students

The students are free to come to all the teachers at any time for their academic and personal problems. The students are also benefited by getting counseling in professional and personal lives. The existence of the student-teacher healthy relation is remarkable.

Details of Faculty Development Programmes and Teachers who have been benefited during the past two years

N.A

Participation / Contribution of teachers to the Academic Activities including Teaching, Consultancy and Research

All the teachers are involved in different types of academic activities including teaching, consultancy and research. They are also involved in different types of National, International and Social programmes throughout the country and abroad.

Collaboration with other Departments/ Institutions, at the State, National and International levels, and their outcome during the past two years

Collaboration is done with different National Universities for interaction and academic development. The students are getting internship from different media organizations. Students also participate in forums and symposia organized by reputed media.

Priority Areas for Research and details of the Ongoing Projects, important and noteworthy publications of the Faculty, during past two years

N.A.

Placement Record of the past students and the contribution of the Department to aid student placements

Many students are placed in print and electronic media as well as software companies throughout India. The department has organized campus interview with the help of Placement Cell of the college. The list of placements are as follows:

Year	Student Name	Placement
2008	Sambhu Bhowmick	Channel 10 (24 hours Bengali News Channel)
	Kunal Das	Mahua Bangla
	Prasun Biswas	Kolkata TV, Sports Reporter (24 hours Bengali News Channel)
	Subinay Ghosal	Channel 10 (24 hours Bengali News Channel)
2009	Ratul Ganguly	Teacher, Kolkata Corporation
2010	Tarak Bhattacharyya	News Time (24 hours Bengali News Channel)
	Koushik Ray	Ne Bangla (24 hours Bengali News Channel)

A large number of students share their articles and columns in different newspapers on assignment basis.

Plan of Action of the department for the next five years

- I. It is very difficult to run such a department with one whole time lecturer and 12 guest lecturers. We need whole time contractual lecturer more and part- time lecturer for the interest of the students of the department.
- II. We also need a Camera Assistant who will able to teach primary Audio - Visual editing.
- III. We need a media lab with modern editing facilities.
- IV. We need to subscribe daily newspaper and magazine.
- V. We want to introduce a Film Club.

The Moto of our Department is to make students academically and professionally sound. Department will run more successfully in future, with the co-operation of the authority as earlier.

SWOT ANALYSIS

STRENGTH

- Strong Teacher-Student coordination
- Students having great enthusiasm for practical performance
- Students having a knack for writing, photography, field performance etc.

WEAKNESS

- More hands on experience is required for the students.
- Usage of ICT in teaching is required to meet the demand of the subject
- More computers in the lab of this department is required to provide more scopes to the students for practices
- Editing set-up is required in order to make the students ready for the industry.

OPPORTUNITIES

- Short term certificate courses in videography and photography, anchoring, editing etc. may be incorporated so that the students can have an all-round development in the concerned subject and can confidently compete in the industry

THREATS

- Seminars and workshops should be arranged regularly

At times, expert of the subject both in professional field and in different fields of education should be invited to exchange their valued views and opinions in their respective areas and uplift the students knowledge and thereby motivate for betterment.

DEPARTMENT OF PHYSICS

History of the Department

The department of Physics offers both Honours and General courses. Our Honours course started in the year 1967. We have a long tradition of conducting Honours course successfully. At present we have 5 full-time UGC scale teachers and 2 guest lecturers. We have one guest laboratory instructor. Our teachers are highly qualified and have specialized in various branches of physics like particle, solid state, nuclear, X-Ray crystallography, laser and biophysics. Some of our teachers are engaged in research along with their teaching responsibilities. Some are engaged in educational research and developing novel physics experiments mainly at the undergraduate level.

Faculty Profile

PERMANENT FACULTY MEMBERS:-

1. Dr. Surajit Chakrabarti M.Sc., Ph.D.
Head of the department of Physics

► Special Paper in M.Sc.: Solid State Theory

► Research Area: Experimental High Energy Physics (from Tata Institute of Fundamental Research, TIFR, Mumbai)

► Post-doctoral Research: Research Associate from 1986-88 at KEK (High Energy Physics Lab) at Tsukuba, Japan working with the AMY detector at TRISTAN electron- positron accelerator.

► No. of research publications: 11 (international journals)
5(national journals)

► Teaching Experience: 36 years in Honours and General classes. Post Graduate teaching experience for 4 years at Presidency College as a guest lecturer.

► Present Teaching Assignment: Thermodynamics, Electrodynamics,
Maxwell's Equations, Statistical Mechanics

► Present Research Activity: Engaged in Physics educational research. Designed many novel undergraduate experiments which are performed by students in different Physics experimental workshops.

► Participation in workshop: 4. Presentation at one workshop was adjudged the best and was awarded a certificate of merit.

► Acted as Resource person in 10 workshops. Contribution in one workshop was reported in local newspaper dated 13th June, 2005.

► Talk delivered at UGC sponsored national level Seminar: 1

► Participation at International Conference on Physics Education: Presented a poster at Delhi Conference in 2005.

► Seminar organized: organized a one day seminar at MMC College in Presently organizing a monthly seminar on Physics Education. The first one will be held in MMC College on 17.4.2010.

► Officiated as Teacher-in-Charge (Acting Principal) of Maharaja Manindra Chandra College from June 2007 to March 2009.

2. Sri Ashoke Roychoudhury, M.Sc.
Associate Professor in Physics

► Special Paper in M.Sc.: X-Ray and Crystallography

► Teaching Experience: 28 years.

► Present Teaching Assignment: General Properties of Matter, Physical Optics, Laser, Fibre Optics, Vacuum Techniques and Instrumentation

3. Dr. Rita Basak, M.Sc., Ph.D.
Associate Professor in Physics

► Special Paper in M.Sc.: Solid State Physics

► Research Area: Study of one dimensional magnetic system

► No. of research publications: 6 (international journals)

► Teaching Experience: 18 years in Honours and General classes.

► Present Teaching Assignment: Acoustics, Geometrical Optics, Classical Mechanics Electronics.

4. Dr. Sonali Chakrabarti, M.Sc., Ph.D.
Associate Professor in Physics

► Special Paper in M.Sc.: Biophysics

► Research Area: Studies on diffraction gratings in millimeter and microwave bands

► Post Doctoral Research: Origin of life: formation of complex organic molecules
On earth.

► No. of research publications: 15 (international)
20 (national)
4 (others)

► Teaching Experience: 11 years in Honours and General classes.

► Present Teaching Assignment: Heat, Transients in circuits, Quantum Mechanics

► Present Research Activity: VLF Astronomy, Astrobiology, Astrophysics.

► Students guided for Ph.D.: Co-supervised two students who obtained Ph.D. from
University of Calcutta.

5. Smt. Joyoshi Das Gupta, M.Sc., CSIR-NET
Assistant Professor in Physics

► Special Paper in M.Sc.: Quantum Field Theory, Particle Physics, General Theory
of Relativity.

► Teaching Experience: 3 years

► Present Teaching Assignment: Vectors and curvilinear co-ordinates, classical
mechanics, polarization, electrostatics, nuclear
and particle physics, Fortran programming.

► Co-curricular Activities: Professor-in-charge of National Cadet Corps unit of the college.

6. Smt. Tanushree Ghosh, M. Sc.
College Appointed Part-Timer
Joining Date 4th January, 2010

► Teaching Experience: 7 Months

DEPARTMENTAL STAFF:-

At present the department has only 3 college-employed casual laboratory attendants.

Student Profile**KNOWLEDGE OF LANGUAGES OF PHYSICS HONOURS STUDENTS:**

- Honours Examination is conducted only in English by the University of Calcutta.

YEAR	MEDIUM OF INSTRUCTION IN SCHOOL		LANGUAGES KNOWN				
	ENGLISH	BENGALI	ENGLISH + BENGALI	BENGALI + HINDI	ENGLISH+ BENGALI+ HINDI	BENGALI	TOTAL
1 st	15%	85%	-	15%	80%	5%	100%
2 nd	17%	83%	-	-	86%	14%	100%
3 rd	14%	86%	58%	-	14%	28%	100%

GENDER PROFILE OF PHYSICS HONOURS STUDENTS:

YEAR	FEMALE	MALE
1 st	21%	79%
2 nd	28%	72%
3 rd	35%	65%

ECONOMIC PROFILE OF PHYSICS HONOURS STUDENTS: ANNUAL FAMILY INCOME

YEAR	1 LAKH-2 LAKH	2 LAKH-5 LAKH	5 LAKH-10LAKH
1 st	28%	42%	30%
2 nd	43%	40%	17%
3 rd	28%	42%	30%

Changes in courses in past two years

Recently the U.G. syllabus of Calcutta University has been revised in June, 2010.

Trends in the success and drop out rates

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	16(16) 100%	22(28) 79%	NIL	6(28) 21%	60%
2003	2006	17(18) 94%	25 (26) 96%	1(18) 6%	1(26) 4%	50%
2004	2007	7(7) 100%	21 (21) 100%	Nil	Nil	54%
2005	2008	18(18) 100%	22(22) 100%	NIL	NIL	52%
2006	2009	11(12) 92%	13(13) 100%	1(12) 8%	NIL	59%

Learning resources of department

●SEMINAR LIBRARY:

The department has a Seminar Library which has more than 200 books. Honours students of all three years can borrow books from this library. Books are also transferred from the College Central Library to the seminar library to enrich the latter.

●COMPUTERS: The department has 2 PCs and one printer. Honours and General students use them for programming using FORTRAN and C languages.

●LABORATORIES: The laboratory comprises one spacious master room (35 feet by 35 feet) and 5 smaller rooms which accommodate optical, electrical, electronics, computer and microprocessor experiments, mainly for honours students. Students pursuing general courses perform experiments mainly in the master room.

The laboratory has adequate equipment to cater to students' needs. All experiments prescribed in the syllabus are kept set up and suitably multiplied.

●CLASSROOMS:

Two classrooms are set aside for theoretical honours classes.

One fairly large room of the physics department is a dedicated laboratory pertaining to Electronics general course. The synergy between physics and electronics departments in terms of sharing equipment and teaching and non-teaching staff enhances the capabilities of both departments in imparting quality education.

Modern teaching methods practiced

Standard method of teaching by chalk and talk is adopted in the department. Assignments are given as home work which is checked by teachers. Regular class tests are taken.

Students are taught with the aid of models. They are also assisted in making models: for example, co-ordinate systems and crystal structures are made out of thermocole and toothpicks.

Students are apprised of latest developments in various branches of physics using up-to-date material from the internet.

Overhead projectors are used in seminars organized by the department.

Students regularly attend seminars and workshops including those conducted by premier science-institutes of the country such as VECC, SINP.

Academic and personal counseling of students

Teachers are always available to the students if they need additional guidance. In a closely-knit department like ours, it is possible to maintain close teacher-student relationship. Our teachers counsel students whenever necessary. When a student is absent from classes frequently or fares badly in tests, meetings between their parents/guardians and teachers are arranged.

Faculty development programmes

Teachers have attended refresher courses, workshops and international seminars in the last two years.

Participation/contribution of teachers to academic activities

One of our teachers, Dr. Surajit Chakrabarti is actively engaged in Educational research. He has developed a number of novel experiments in Physics mainly at the undergraduate level. He is associated with an all India Association of Physics teachers known as IAPT. He is currently the vice President of the organization. The main goal of this organization is to spread the knowledge of Physics at all levels through experiments. The experiments developed by Dr. Chakrabarti are performed by students at various workshops organized by IAPT at various schools and colleges. Some of these newly developed experiments have been published in educational journals.

Prof. Sonali Chakrabarti has co supervised two students who obtained Ph.D. from the University of Calcutta. She continues to have research articles on optics and astronomy published in journals of repute.

Collaboration with other institutions

Dr. Surajit Chakrabarti is the Vice-President of IAPT (Indian Association of Physics Teachers) and member, Indian Physics Association.

Prof. Sonali Chakrabarti is an associate member, International Society of Study of Origin of Life and life member, Indian Centre for Space Physics and Indian Physical Society which collaborates with ISRO.

Priority areas of research

One of our faculties, Dr. Surajit Chakrabarti is engaged in research in Physics education. He is doing this research in the college laboratory.

Two publications by him in the last two years are as follows:

- 1) The force of interaction between two bar magnets, Physics Education, 24, no.1 (2007) 39
- 2) A novel method for determining the magnetic moments of bar magnets and the horizontal component of earth's magnetic field. IAPT bulletin, 25, no.3 (2008) 71

Prof. Sonali Chakrabarti is engaged in advanced research in astrophysics and astrobiology.

Placement records of the past students

NAME	DISTINCTION /OCCUPATION
RAJARSHI BOSE	W.B.C.S.
SURJYA CHATTOPADHYAY	1 ST CLASS 2 ND IN B.Sc. HONS, C.U.
AVIJIT DUTTA	1 ST CLASS 3 RD IN B.Sc. HONS, C.U.
SANJIB BASU MALLIK	COMMISSIONED OFFICER, INDIAN MILITARY SERVICE
AYAN ROY	SCIENTIST, BARC
ARUN CHAKRABORTY	SCIENTIST, IOP
SWAGATA POYRA	SCIENTIST, HAMBURG
SRILEKHA SAHA	SCIENTIST, SINP
ALO DUTTA	SCIENTIST, BOSE INSTITUTE
PINAKPANI PAL	FACULTY, ISI
SMRITI BANERJEE	FACULTY, RANAGHAT COLLEGE
SOURAV GANGULY, Ph.D.	ASSSTANT PROFESSOR, CHANDANNAGAR GOVT. COLLEGE
PRANTIK DEY	FACULTY, UTTARPARA PEARY MOHAN COLLEGE
MIMI DAN	FACULTY, MANINDRA COLLEGE
ANKAN DAS	Ph.D.
NIRUPAM ROY	FACULTY, PODDAR INSTITUTE, KOLKATA
AVIRUP BHADURI	TEACHER IN SCHOOL
SUKANTA DAW	TEACHER IN SCHOOL
SUNNY UL HAQUE	TEACHER IN SCHOOL
SUROJIT DEB	B.TECH RADIOPHYSICS, T.C.S.
SIDDHANTA PAL	CESC
MANIDEEP BHATTACHARYA	B.TECH RADIOPHYSICS, IBM
AISHIK ROY	M.C.A., ACCENTURE
SUCHISMITA TEWARI	B.TECH RADIOPHYSICS, TEK MAHINDRA

Plan of action of the department for the next five years

- ❖ Filling up vacancies in posts of faculty and staff.
- ❖ Re- structuring the teaching process in view of proposed change by University to semester system.
- ❖ Involving students in projects designed to stimulate their interest in the subject.
- ❖ Upgrading the Electronics Department to a full honours Department

SWOT ANALYSIS

STRENGTH

The Physics department has the responsibility of running the Department of Electronics, sharing its faculty and lab-staff with the latter. A room in the Physics department has been set aside for conducting classes and labwork in Electronics.

The Department of Physics of this college has commendable strength so far as teaching and laboratory facilities are concerned. Among the faculty members of the dept. we have highly qualified persons having doctoral qualification and specialization on Solid State Physics, Nuclear Physics, X-Ray Crystallography, High Energy Physics etc. The College Library is also quite rich and has sufficient number of text and reference books on physics including a good numbers of books on physical constants and laboratory manuals. Few national journals are also there. In perusing the syllabus of Physics Honours and General Course the students hardly encounter any inconvenience.

The department has spacious and well-ventilated laboratories which accommodate the Physics Honours practical. They are designated as Non-Electrical, Electrical and Magnetic, Electronics and Optical Laboratories respectively.

The experiments on Physics General Course of the Department of Physics are accommodated in three spacious and well-ventilated rooms. The general practical classes of Part-I, Part-II and Part-III are held there.

All the experiments, of both Honours and General Course, rescribed in the Syllabus of Calcutta University have been kept setup. There is also a Personal Computer, housed in a duly furnished room for use of the students of the department of Physics. The laboratories are well maintained and whenever any difficulty crops up the faculty members immediately take care of it. Sufficient numbers of spare parts and laboratory repairing equipments are there. A good number of Honours graduates go for post graduate studies and then take up research work in different Universities, while some opts for job - oriented studies like MCA, MBA etc.

WEAKNESS

- Out of 7 UGC sanctioned teaching posts, 2 have been vacant for a long time due to unavailability of SC and ST candidates.
- 4 posts for laboratory assistants are all vacant.

- Student-teacher ratio is very high (about 80:1) in general classes. This leads to great difficulties especially in the practical classes.

OPPORTUNITIES

- The present age is largely computer-dependent. The Science students thus require sufficient knowledge in Computer. Therefore, the Department of Physics has a computer room of its own and the students are given basic knowledge about the versatile usefulness of a Personal Computer.
- The Department has an arrangement of Wall Magazine in which students contribute scientific articles on various topics periodically. This leads to improvement of their writing skill and helps in the expansion of their scientific knowledge beyond their syllabus.
- For the development of oratory skill of our students, selected topics are provided to them beforehand and they deliver lectures on the topics on the pre fixed date. It is observed that, many of the students display exemplary oratory skill. This also has the impact of breaking the barrier of fear at the very formative stage of their life.
- The Department arranges lectures by eminent personalities of Physics whenever it is possible. Through these lectures the students gain knowledge about contemporary advancements in the field of Science and feel inspired. They are also given the opportunity to interact at the personal level with these eminent persons who open the broad frontier of Science before the young minds.
- The Department of Physics helps the students in exploring different avenues to pursue further studies, after the completion of their Undergraduate Course, by providing them with necessary information regarding various Universities and Research Institutes in India and abroad.

THREATS

- It is a recognized fact that best brain should come to serve the cause of the basic sciences. This is also a prerequisite to provide sufficient number of qualified and competent personnel to the teaching and research institutes of the country. However, for the past few years there has been a craze of the highly meritorious students of Science to opt for Engineering and Technical courses of studies. This feature has posed a serious threat towards having quality students to pursue Physics Honours Course.

The employment scenario in the country as a whole is another discouraging factor repelling the students to pursue this highly difficult subject like Physics, which does not open a secured avenue of employment.

Department of Chemistry

History of the Department

The degree science department in this college was formally inaugurated on July 21st, 1957 by Dr. Nirmal Kumar Siddhanta, the then Vice-chancellor of C.U. It was the endeavour of Dr. Anil Chandra Bannerjee, the then Principal which made it possible. The Honours course in Chemistry started from the session 1961-1962. Many eminent teachers enriched the Department with their skill and brilliance. The sincerity and diligence helped the students to perform well in University and other examinations. We only humbly follow their foot marks.

Faculty Profile (adequacy and competency of the faculty)

Dr. Santanu Bhattacharya (Head of the Department)

Designation: Reader

Academic Qualification: M.Sc. Ph.D.

Any other qualification or degree received (including NET / SLET examinations): NET

Research Experience and publications (including books published, if any): Seventeen years of research experience and still continuing research work with 20 publications in different highly reputed National and International Journals. He has done post doctoral research at the Department of Chemistry, National Changhua University of Education, Taiwan for one year and at the Department of Chemistry and Biochemistry, University of California, Santa Cruz, USA for two and half years.

Teaching Experience: Twelve years in under graduate (substantive post) teaching and two years in post graduate teaching (honorary).

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Nine seminars attended, talk delivered in one of them, presented two posters in another and also participated in two workshops programme.

Awards and recognitions (if any): Awarded "BOYSCAST FELLOW-2000-2001" by Department of Science and Technology -INDIA

Dr. Diptendu Bhusan Datta

Designation: Reader

Academic Qualification: M.Sc. Ph.D.

Any other qualification or degree received (including NET / SLET examinations): Nil

Research Experience and publications (including books published, if any): Ten years of research experience with four publications. He has also published a book on Chemistry last year for the General Degree Course students.

Teaching Experience: Twenty six years.

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Two seminars attended in last 5 years

Awards and recognitions (if any): Nil

Dr. Parimal Kundu

Designation: Reader

Academic Qualification: M.Sc. Ph.D.

Any other qualification or degree received (including NET / SLET examinations): NET and SLET.

Research Experience and publications (including books published, if any): Sixteen years with seventeen publications

Teaching Experience: Thirteen years

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Two conferences attended in last two years

Awards and recognitions (if any): Nil

Dr. Suranjana Chattopadhyay

Designation: Lecturer

Academic Qualification: M.Sc. Ph.D.

Any other qualification or degree received (including NET / SLET examinations): NET

Research Experience and publications (including books published, if any): Seven years of research experience and two publications and one communicated.

Teaching Experience: Six years

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Eight conferences attended

Awards and recognitions (if any): Awarded Professor Sadhan Basu Memorial Award in 1999 by the Department of Chemistry, University College of Science and Technology, Rajabazar, Calcutta for excellence in all branches of Chemistry at post graduate level.

Sri Krishna Biswas

Designation: Lecturer

Academic Qualification: M.Sc.

Any other qualification or degree received (including NET / SLET examinations): NET

Research Experience and publications (including books published, if any): Five years of research experience with nine publications.

Teaching Experience: Two years

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Five conferences and seminars attended and papers presented at two of them.

Awards and recognitions (if any): Nil

Dr. Partha Dutta

Designation: Lecturer

Academic Qualification: M.Sc. Ph.D.

Any other qualification or degree received (including NET / SLET examinations): NET

Research Experience and publications (including books published, if any): Ten years of research experience with twenty-one publications. He has done post-doctoral research at Molecular Photo Science Research center, Kobe University, Japan from 2007-2008.

Teaching Experience: Seven Years.

Conferences, workshops and seminars attended and papers presented or lectures delivered there: Six conferences and two workshops.

Awards and recognitions (if any): Nil

Student Profile according to programmes of study, gender, region etc.

No. of student in year 2009-2010

B.Sc. Honours: 55

B.Sc. General: 150

It is a college for both boys and girls (co-education) with the students mainly coming from Calcutta, North 24 Parganas and other districts of West Bengal.

Changes made in the courses of programmes during the past five years and contribution of the faculty to those changes

The C.U. B.Sc. Honours syllabus of old Part-I was fully changed in the year 2005. It was distributed between Part-I and Part-II. Part-II system was changed to Part-III. The (2+1) system of examination at the graduation level was changed to thus (1+1+1) system henceforth.

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	12(12) 100%	22(23) 96%	NIL	1(23) 4%	53%
2003	2006	23(26) 88%	22(22) 100%	3(26) 12%	Nil	57%
2004	2007	11(11) 100%	12(13) 92%	NIL	1(13) 8%	50%
2005	2008	15(16) 94%	35(36) 97%	1(16) 6%	1(36) 3%	56%
2006	2009	15(16) 94%	24(25) 96%	1(16) 6%	1(25) 4%	43%

Three of our faculty took part in the workshop organized by C.U. for changing the syllabus and system of examination from 2006 onwards.

Trends in the success rate and dropout rate of students in the past two years

Learning resources of the department

Departmental Library (also called Seminar Library)

No. of books: Two hundred and six books

Periodicals and journals: Nil

Computers: Two

Laboratories: There are three laboratories, one for conducting physical chemistry experiments and other two for organic and inorganic Chemistry. Both the Honours and General Practical classes are sequentially held in these.

Modern teaching methods practiced and use of ICT in learning-teaching

Enhancement of learning resources during the last two years has been made by extending the space of laboratories (specially constructing a separate Physical Chemistry Laboratory for the instrumental practical classes). Requisite fund, space being scarce sincere team effort was focused on the quality of resources to ensure continuous growth and development of learning resources whatever available during past two years.

Modern teaching methods in practice

Apart from the traditional ‘chalk and talk’ method, OHP/LCDP is used as and when necessary for teaching in the classes.

Practical experiments are often demonstrated by the teachers separately before allowing the students to practice themselves.

Stress is laid upon specific answering to the questions and enhancing the answer quality, size, neatness, writing discipline, time and space management. These facts all are analyzed separately, discussed with the students.

Participation of the teachers in academic and personal counseling of the students

Academic advice and discussion is offered very often beyond the college hours, departmental seminars are held for and by the students, parent – teacher meets are conducted after almost every college examination to discuss the progress of the respective students with their guardians.

Apart from this often emergency meetings are also held with the parents if the attendance and other classroom record of their wards are found unsatisfactory. Pre-admission and post-admission counseling are done and extra tutorial classes are conducted during the holidays sometimes to coach the students separately and help them to complete their syllabi.

Details of Faculty development programmes and the teachers who have been benefited during past years

Dr. Santanu Bhattacharya:

One Orientation programme

One U.G.C. sponsored Thirty third Academic Staff Orientation Programme from December 30th, 1999 to January 28th, 2000 conducted by Academic Staff College, University of Calcutta

Two Refresher Courses

a) UGC sponsored Refresher Course from November 14th, 2007 to December 5th, 2007 conducted by Academic Staff College, University of Calcutta.

b) UGC sponsored Refresher Course from August 22nd, 2008 to September 11th, 2008 conducted by Academic Staff College, University of Calcutta.

Nine Seminars and Conferences

(a) "National Seminar on Perspectives of Inorganic Chemistry" at Indian Association For The Cultivation of Science, Calcutta (December 1995). Participated as a host.

(b) "National Seminar on Solution Chemistry" at Utkal University, Bhubaneswar (March, 1997). "Oxidation of Thioglycolic acid by nickel (IV) Oxime-Imine complex". Talk delivered.

© Seminar on "Higher Education: New Frontiers and Challenges" held by M.M.C. College- Kolkata-3, on 26—27 August 2000---Participated as a Host.

(d) UGC sponsored seminar on "Environment studies in Collegiate Education" —held by Bangabasi College of Commerce—Kolkata on 24th September, 2000---participated as audience.

(e) Seminar on Information Technology held by Bangyo Bignyan Parisad, Kolkata on 24th February, 2001.—Participated as audience.

(f) Seminar on "Semi-micro Qualitative Inorganic Analysis" organized by U.G. Board of Studies and the Department of Chemistry, C.U. on 2nd March, 2008.—participated as audience.

(g) "International Symposium on Frontiers of Functional Materials (January 6th -7th, 2009) held by Deptt. of Chemistry, University of Calcutta. Actively participated and presented two posters on recent work.

(h) Seminar on "Application of Spectroscopy in Understanding Molecular Structure: Its relevance to the Under Graduate Curriculum in Chemistry" organized by the department of Chemistry, Charuchandra College, Kolkata-29, on February 23—24, 2009. Participated as audience.

(i) "Acharya Prafulla Chandra Ray Memorial symposium on Chemistry Today", organized by Indian Chemical Society at Bose Institute (Rajabazar), Kolkata on 1st and 2nd August, 2009—Participated as audience

Two Workshops

(a) Workshops on "Nuclear Magnetic Resonance Spectroscopy organized by Deptt. of Chemistry, University of Calcutta, from March 4—6, 1997

(b) Workshops on Chemistry Honours (1+1+1) Curriculum jointly organized by Board of Under Graduate Studies in Chemistry and the Deptt. of Chemistry, Calcutta University, on 23rd March, 2006.

Dr. Diptendu Bhusan Datta:

Two Refresher Courses

- a) 2nd February to 24th February, 1994 “Organometallic chemistry and biological aspects of co-ordination chemistry”
- b) 21st November to 9th December, 1994, “Recent understanding of chemical reactivity”

Two Seminars (past two years)

- a) National Seminar on “Teaching Chemistry at Presidency College on 14th December, 2002.
- b) International Symposium on Frontiers of Functional Materials, January 6th -7th, 2009.

Dr. Parimal Kundu:

One Orientation programme

One U.G.C. sponsored orientation course at Academic Staff College, C.U. from 24th February to 24th March, 2000.

Two Refresher courses

- a) UGC sponsored Refresher Course from January 3rd, 2005 to January 25th, 2005 conducted by Academic Staff College, University of Calcutta.
- b) UGC sponsored Refresher Course from December 20th, 2005 to January 09th, 2006 conducted by Academic Staff College, University of Calcutta.

Two Conferences

- a) “International Symposium on Frontiers of Functional Materials”, held at SINP, Kolkata during 6th -7th January, 2009.
- b) “Current trend of Chemical Research”, held at Narendrapur Ramakrishna Mission, Kolkata on 8th august 2009.

Dr. Suranjana Chattopadhyay:

One Orientation programme

One U.G.C. sponsored orientation course at Academic Staff College, C.U. from 18th August to 13th September, 2008.

Two Conferences and workshops (past two years)

- a) “International Symposium on Frontiers of Functional Materials”, organized by Department of Chemistry, C.U. at SINP, Kolkata on 6th and 7th January, 2009.
- b) “Acharya Prafulla Chandra Ray Memorial symposium on Chemistry Today”, organized by Indian Chemical Society at Bose Institute (Rajabazar), Kolkata on 1st and 2nd August, 2009.
- c) Workshop on the Chemistry Practical Syllabus for the session 2010-2011 of Calcutta University held on

Sri Krishna Biswas:

Five Seminars

- a) Presented a paper entitled “Fluoride adsorption on synthetic Fe (iii)-Sn (iv) mixed oxide for the removal from water” in the Acharya Prafulla Chandra Ray Memorial Symposium on Chemistry Today (2008), held at Kolkata during August 1st -2nd, 2008.
- b) “International Symposium on Frontiers of Functional Materials”, held at SINP, Kolkata during 6th -7th January, 2009.
- c) Symposium on “Acharya Prafulla Chandra Ray Memorial Symposium on Chemistry Today (2009)” held at Kolkata, during 1st -2nd August, 2009.
- d) Presented a paper in the “46th Annual Convention of Chemists, 2009 and International Conference on Recent Trends in Chemical Science” held at Vellore, Tamil Nadu, during 2nd -6th December, 2009.
- e) Workshop on U.G.-Chemistry Curriculum: Honours and General, held at CU on 18th March, 2010.

Dr. Partha Dutta:

One Orientation Programme

One U.G.C. sponsored orientation course at Academic Staff College, C.U. from 17th July - 12th August 2006

Six Conferences/Seminars

- a) Poster presentation in “Third Asian Photochemistry Conference, 2002 (APC-2002)”, on the month of January 2002 held at Centaur Hotel, Mumbai, INDIA.
- b) Oral presentation in “Mini Symposium on Low Frequency Spectra in Condensed Phases; Molecular Dynamics and Intermolecular Interactions”, on 2nd June, 2007 held at Kobe University, JAPAN
- c) Oral presentation in “Joint Conference of JMLG/EMLG Meeting 2007 and 30th Symposium on Solution Chemistry of Japan”, from 21st to 25th November, 2007 held at Fukuoka University, JAPAN
- d) Poster presentation in “Joint Conference of JMLG/EMLG Meeting 2007 and 30th Symposium on Solution Chemistry of Japan”, from 6th to 9th January, 2008 held at National University of Singapore, SINGAPORE.
- e) Oral invited presentation on 24th December, 2008 at Indian Institute of Science, Education and Research (IISER), Kolkata, INDIA

f) Oral presentation in “Frontiers in Molecular Spectroscopy and Theory”, from 7th to 9th March, 2009 held at Indian Association for the Cultivation of Science (IACS), INDIA

Participation / Contribution of the teachers to academic activities including teaching consultancy and research

Most of the teachers of this department are involved in the academic activities linked with the university regarding sample preparation during the university examinations, evaluation of answer scripts, scrutiny etc. And attend the discussions and meetings regarding syllabus and semester modifications.

They attend regular refresher, orientation courses held by different universities within and outside the state, national level workshops throughout the year.

Three of our teachers at present are actively involved in research work both in and outside the college.

Dr. Santanu Bhattacharya: Completed Ph.D. from Jadavpur University in the year 1997 under the guidance of Prof. P Banerjee (Department of Chemistry, IACS-Kolkata) and worked on electron-transfer reactions of Ni(IV/III) oxime-imine complexes in aqueous solution. He went abroad to the Deptt. of Chemistry, National Changhua University of Education, Changhua, Taiwan for post doctoral research working on the synthesis of organometallic complexes. In the year 1999 he joined as a lecturer to the Department of Chemistry, M.M.C College. He was awarded BOYSCAST Fellowship-2000-2001 by DST-INDIA and went for pursuing post doctoral research work at the Department of Chemistry and Biochemistry, University of California, Santa Cruz, USA where he studied syntheses, kinetic studies and mechanism of substitution and proton transfer reactions involving organometallic complexes. Recently one minor research project has been sanctioned by UGC bearing Sanction No.: F. PSW-066/09-10 (ERO) dated 08-Oct-09 based on syntheses, characterization and kinetic approach involving mononuclear and multinuclear manganese complexes. Dr. Bhattacharya already started his work in this college with the approval of governing body. He is also engaged in research with Dr. Debasis Das at the department of Chemistry, University of Calcutta, Rajabazar College of Science and Technology, Kolkata since 2006 to till date as a research collaborator. His area of research mainly involves syntheses of macrocyclic and acyclic metal complexes and study of their reactivity towards different substrate of biological interest.

Dr. Parimal Kundu: Completed Ph.D. from J.U. in the year 1995 and worked on thermally induced electron-transfer reactions in solid state. Then was engaged as a research associate in the same university upto 20th February, 1997 and then joined as a lecturer at Ramananda College, Bishnupur and also engaged in part-time research work at Jadavpur University. He went abroad to Deptt. Of Chemistry Academia Sinica, Taipei, Taiwan and worked on synthesis of organic materials functioning as light emitting diode. Presently he is working with Dr. Shashanka Shekhar Mohanto at C.U. and is co-guiding a Ph.D. student on synthesis and studies on magneto-structural correlation of inorganic complexes.

Dr. Suranjana Chattopadhyay: Completed her Ph.D. as CSIR-NET JRF from 03.07.2000 to 02.07.2002 and CSIR-NET SRF from 03.07.2002 to 02.07.2005 at Bose Institute, Department of Biophysics) under Prof. Siddhartha Roy then continued as Guest fellow from September 2005 to June 2007 at IICB, Jadavpur at the Structural Biology Division, and worked during Ph.D. on structural elucidation of antimicrobial proteins through NMR spectroscopy and functional studies of heat-shock regulatory proteins in prokaryotes using fluorescence spectroscopy. Then she continued further with the functional characterization of a small protein from turtle egg white using proton –NMR methods, mass spectral assignments and biochemical assays.

Sri Krishna Biswas: Continuing with research work for Ph.D. from 2005 at the Department of Chemistry, Presidency College, Calcutta under the supervision of Dr. Uday Chand Ghosh in Inorganic Chemistry. Special topic of research: Development of de-fluoridation media for contaminated water and its lab to field application

Dr. Partha Dutta: Completed his Ph. D. from Physical Chemistry Department, IACS, Kolkata under the supervision of Prof. Kankan Bhattacharyya on Ultrafast Dynamics in Organized Assemblies using Ultrafast Time Correlated Single Photon Counting Set Up from 2000 to 2005. The main aim of this work was to find out the chemistry inside the confined complex media such as organized assemblies, biomacromolecules etc. which are significantly different than that in bulk liquids or pure materials. He did his postdoctoral research work at Molecular Photoscience Research Center, Kobe University, Japan under the supervision of Prof. Keisuke Tominaga on Terahertz Time Domain Spectroscopy (THz-TDS) in the year 2007-2008. The main aim of this work is to find out the behavior of non-polar solutes in polar solvents and the comparison of the collective motions of water, different alcohols and various proteins using THz-TDS technique.

Dr. Santanu Bhattacharya and Dr. Parimal Kundu have gone abroad twice and Dr. Partha Dutta has gone abroad once to carry out post-doctoral research work in eminent universities.

Collaboration with other departments /institutions at the State, National, International levels and their outcome during the past two years

In appreciation of our pecuniary limitations now, we with all sincerity are in the process of finding out relevant information from different sources for collaboration with other institutions, departments worthy to our requirements.

Priority arrears for research and details of the outgoing projects, important noteworthy publications of the faculty during last five years

Details of research projects have already been furnished earlier.

Dr. Santanu Bhattacharya

Noteworthy Publications:

1.Reactions that generate Aromatic Molecules: Is Aromatic Stabilization Less or More Advanced than Bond Changes at the Transition State? Kinetic and Thermodynamic Acidities of Rhenium Carbene Complexes.

Claude F. Bernasconi, Mark L. Ragains, and **Santanu Bhattacharya**

J. Am. Chem. Soc. (2003), 40, 12328---12336.

2.Kinetic and Thermodynamic Acidity of [Cp (NO) (PPh₃)Re(2,5-dimethyl-3-thienyl)carbene]⁺. Transition State Imbalance and Intrinsic Barriers.

Claude F. Bernasconi, **Santanu Bhattacharya**, Philip J. Wenzel and Marlyn M. Olmstead **Organometallics (2006), 25, 4322---4330.**

3.Catechol Oxidase Activity of a Series of New Dinuclear Copper (II) Complexes with 3,5-DTBC and TCC as Substrates: Syntheses, X-ray Crystal Structures, Spectroscopic Characterization of the Adducts and Kinetic Studies.

Kazi Sabnam Banu, Tanmoy Chattopadhyay, Arpita Banerjee, **Santanu Bhattacharya**, Eringathodi Suresh, Munirathinam Nethaji, Ennio Zangrando, and Debasis Das

Inorganic Chemistry (2008), Vol.47, No.16, 7083---7093.

4.Mono- and dinuclear manganese (III) complexes showing efficient catechol oxidase activity: syntheses, characterization and spectroscopic studies.

Kazi Sabnam Banu, Tanmay Chattopadhyay, Arpita Banerjee, Madhuparna Mukherjee, **Santanu Bhattacharya**, Goutam Kumar Patra, Ennio Zangrando, and Debasis Das **J.Chem. Soc., Dalton Trans. 2009. 8755-8764**

5.Catechol Oxidase Activity of Dinuclear Copper (II) Complexes of Robson type Macrocyclic Ligands: Syntheses, X-ray Crystal Structure, and Spectroscopic Characterization of the adducts and Kinetic Studies.

Kazi Sabnam Banu, Tanmay Chattopadhyay, Arpita Banerjee, **Santanu Bhattacharya**, Ennio Zangrando, and Debasis Das

Journal of Molecular Catalysis A: Chemical, 310, 2009, 34—41.

6.Metal assisted oxazolidine /oxazine ring formation in dinuclear zinc(II) complexes: synthesis, structural aspects and bio-activity.

Arpita Banerjee, Subhalakshmi Ganguly, Tanmay Chattopadhyay, Kazi Sabnam Banu, **Santanu Bhattacharya**, Ennio Zangrando, and Debasis Das

Inorganic Chemistry, 2009, 48, 8695—8702.

7.A Unique Nickel System having Versatile Catalytic Activity of Biological Significance

Tanmay Chattopadhyay, Madhuparna Mukherjee, Arindam Mondal, Pali Maiti, Arpita Banerjee, Kazi Sabnam Banu, **Santanu Bhattacharya**, Bappaditya Roy, D. J. Chattopadhyay, Tapan Kumar Mondal, Munirathinam Nethaji, Ennio Zangrando, and Debasis Das

Inorganic Chemistry, 2010, 49, 3121—3129.

Dr. Parimal Kundu

Noteworthy Publications:

1.Synthesis, characterization and crystal engineering of $[\text{Ni}''(1,2\text{-Diaminocyclohexane})_3]\text{N}_3\text{Cl}^-$: three dimensional frame work by hexafurcated N – H---Cl⁻ hydrogen bonds

M. Nayak, **P. Kundu**, M. G. B. Drew and S. Mohanta

Structural Chemistry 16 (2005) 629

2.Crystal engineering and magnetic properties of a 2D cyano-bridged Ni'' Fe'' network formed through reduction of ferricyanide

M. Nayak, **P. Kundu**, P. Lemoine, R. Koner, H. H. Wei and S. Mohanta

Polyhedron 25 (2006) 2007

Dr. Suranjana Chattopadhyay:

Noteworthy Publications:

1. “Small cationic Protein from a marine turtle has β -defensin like fold and Antibacterial and Antiviral activity”

Chattopadhyay, S., Sinha, N.K., Banerjee, S., Roy, D., Chattopadhyay, D.J., Roy, S;

Proteins: Structure, Function and Bioinformatics, (2006); 64, 524-531

2.The structure of a protein generated using 1D and 2D ¹H NMR technique has been submitted to the **BROOKHAVEN PROTEIN DATA BANK (PDB id: 2B5B)**

3. “Bacterial Sigma Factors in free-state contain open and compact states in Equilibrium”

Raha, P., **Chattopadhyay, S.**, Mukherjee, S., Chattopadhyay, R., Roy, S.

(Communicated to Journal of Molecular Biology)

Sri Krishna Biswas

Noteworthy Publications:

1. **Krishna Biswas**, Durjoy Bandhoyapadhyay and Uday Chand Ghosh, Adsorption kinetics of fluoride on iron(III)-zirconium(IV) hybrid oxide

Adsorption (2007)13,83-94

2. **Krishna Biswas**, Sanat Kumar Saha and Uday Chand Ghosh , Adsorption of Fluoride from Aqueous Solution by a Synthetic Iron(III)-Aluminum(III) Mixed Oxide

Ind. Eng. Chem.Res. (2007) 46, 5346-5356.

3.**Krishna. Biswas**, Durjoy. Bandhyapadhyay and Uday Chand Ghosh., Adsorption of Fluoride on Synthetic Iron(III), Zirconium(IV) and Binary Iron(III) -Zirconium(IV) Mixed Oxides: Comparative Assessment on pH-effect and Isotherm.

J. Environ.Science. & Engg. (2008) 50, 153-162

4.A. Chatterjee, R.K.Roy, U.C. Ghosh, T. Pramanick, S.P.Kobi, **K.Biswas**, Fluoride in water in parts of Raniganj Coalfield, West Bengal

Current Sci. (2008) 94,309.

5.Kaushik Gupta, **Krishna Biswas**, and Uday Chand Ghosh. Nanostructure Iron(III)-Zirconium(IV) Binary Mixed Oxide: Synthesis, Characterization and

Physicochemical Aspects of Arsenic (III) Sorption from the Aqueous solution.

Ind. Eng. Chem. Res. (2008) **47**, 9903-9912

6. **Krishna Biswas**, Kaushik Gupta, Uday Chand Ghosh. Adsorption of Fluoride by Hydrous Iron (III)-Tin (IV) Bimetal Mixed Oxide from Aqueous Solutions.

Chem. Eng. J. (2009) **149**, 196-206

7. **Krishna Biswas**, Sushanta Debnath and Uday Chand Ghosh "Physicochemical aspects on fluoride adsorption for removal from water by synthetic hydrous iron (III) – chromium(III) mixed oxide"

Separation Science and Technology (2010) **45**, 472-485.

8. Sushanta Debnath, **Krishna Biswas** and Uday Chand Ghosh "Removal of Ni (II) and Cr(VI) with Titanium(IV) Oxide Nanoparticle Agglomerates in Fixed-Bed Columns" *Ind. Eng. Chem. Res.* (2010) **49**, 2031-2039

9. **Krishna Biswas**, Kaushik Gupta, Arijit Goswami and Uday Chand Ghosh "Fluoride Removal Efficiency from Aqueous Solution by Synthetic Iron(III)-Aluminum(III)-Chromium(III) Ternary Mixed Oxide"

Desalination (2010) **255**, 44-51.

Dr. Partha Dutta:

Noteworthy Publications:

1. "Low-frequency Dynamics in Condensed Phases Studied by Terahertz Time Domain Spectroscopy"

Kambara, O.; Ponseca Jr., C. S.; **Dutta, P.**; Tominaga, K.

Proceedings of the International Symposium on Terahertz between Japan and Sweden **2009** (SUBMITTED)

2. "THz-TDS Studies on Proteins and Molecular Complexes in Solutions"

Tominaga, K.; Kawaguchi, S.; Shibata, M.; Kandori, H.; **Dutta, P.**

Proceedings of IRMMW-THZ **2009** (SUBMITTED)

3. "Obtaining low Frequency Spectra of Acetone Dissolved in Cyclohexane by Terahertz Time-Domain Spectroscopy"

Dutta, P.; Tominaga, K.

J. Phys. Chem. A, **2009**, *113*, 8235

4. "Terahertz Time-Domain Spectroscopic Study of the Low-Frequency Spectra of Nitrobenzene in Alkanes"

Dutta, P.; Tominaga, K.

J. Mol. Liq. **2009**, *147*, 45.

5. "Dependence of Low Frequency Spectra on Solute and Solvent in Solutions studied by Terahertz Time-Domain Spectroscopy"

Dutta, P.; Tominaga, K.

Mol Phys.: An International Journal at the Interface Between Chemistry and Physics, **2009**, *107*, 1845.

6."Low-Frequency Dynamics in Condensed Phases studied by Terahertz Radiation Spectroscopy."

Kambara, O.; Kawaguchi, S.; **Dutta, P.**; Ponseca Jr. C.S.; Ikeshima, K.; Yamaguchi, S.; Hirai, S.; Banno, M.; Naito, S.; Tominaga, K.

Proceedings of International Symposium on Terahertz between Japan and Sweden TMU Symp, Ser., **2008** , 1, 44.

7."Solvation Dynamics in a worm-like CTAB Micelle"

Sen, P.; Mukherjee, S.; Halder, A.; **Dutta, P.**; Bhattacharyya, K.

Res Chem Intermed , **2005**, 31, 135.

Placement record of the past students and the contribution of the department to aid student placements

The department helps the students for appearing in different competitive examinations by solving problems set in previous ones and at the same time informs the students about the different criteria regarding jobs in industries and jobs offered by different companies.

We also give relevant information and recommendation to the students interested in research after post-graduate courses in and outside the city and even abroad sometimes.

Although official records are not thoroughly maintained, but in recent past a few of our students were appointed in Dabur Pharmaceuticals Ltd., Safed Group of Industries

Plan of action of the department for the next five years

We have specific vision for growth development and advancement of the department:

To set up a new gas plant for running the practical classes more efficiently.

To request different companies for arranging campus interviews so as to provide quick job to the students

To expand the space for the seminar library and the laboratories, if relevant space can be made available

To buy modern instruments in order to upgrade the laboratories

To procure recent books for the students in the seminar library enabling them to cope up with the changing and advancing syllabus of university and competitive examinations both.

SWOT Analysis

Strength

We the faculty of Chemistry Department, Maharaja Manindra Chandra College try our best to render our service that is designed to streamline the efforts of the students and provide them with care and guidance so that they can realize their dreams. We consider them as our assets and source of satisfaction and motivation. We try to behave and perform, both on and off the Campus in such a manner, that they can derive inspiration.

The chief objective we have set for ourselves is to harmonize the endeavors of both students and teachers to excel.

Our examination procedure that allows 1st year students to enter 2nd year and ultimately to appear in university examination, is so designed and executed that only those students with genuine interest and command over chemistry can sit in the 2nd year classroom. This reflects our willingness not to compromise with quality. Our efforts are not limited only to identify the talents; we also try our best to nurture these talents to facilitate their growth. For this, we take monthly examination on regular basis to have a clear idea on the student's development. This assessment process also helps students to keep in touch with the studies to get involved with students beyond class room which is very important for them, especially when they are in study leave. The flexibility in the teacher-students relationship has enabled us to be acquainted with various problems including nonacademic, faced by students. Here our parents- like attitude and counseling help them to concentrate on their study. Every year a departmental picnic, freshers' welcome and many other cultural programmes are organized under the aegis of chemistry department, which have excellent contribution in promoting teacher-student relationship.

Weakness

Chemistry is a subject, which is closely integrated with laboratory activities. Good infrastructure, adequate supply of chemicals and effective and skilled manpower are the factors that characterize an ideal laboratory system that also reflects how potent a department is to infuse excellence among the students. In this regard, our department at present is facing some problems like shortage of funds and manpower. The existing staffs both teaching and non-teaching staffs are bearing the brunt of the pressure generated due to shortage of manpower. We are also suffering from problems of unavailability of funds that are very crucial to sustain the functioning of laboratory, as the chemicals needed for experiment are costly enough.

We also face another kind of problem. Chemistry is a rapidly evolving subject and we need to keep ourselves up-to-date so that we can, in turn, make the students aware of latest developments in their subjects. But, for this we desperately need access to sound Internet facility and latest journals on chemistry. The Internet facility in our college is not sufficient to cater to this need. These are the problems coming in the way of our department's endeavor to excel.

Opportunities

Chemistry, being an experiment -based subject, has become a major career option for the students in modern times when biotechnology, bioorganic and drug industry are emerging with great potential and possibility. These booming sectors are offering lucrative jobs both in India and abroad. Sensing this reality, we are trying to encourage our students to study experimental chemistry so that they can find themselves in better position in job markets after completing their studies. Our students are now dispersing across the globe in search of not only job but also higher studies and research work in reputed institution and ultimately they are meeting success owing to their talent and skill.

Threats

At present threat from two fronts is confronting our department. State Government has embarked on a policy of reducing the number of faculty and technical staff by not filling the vacant posts. If this trend continues then we will soon land up in a situation where running the department effectively will turn out to be an impossible task. Another threat is from the tendency among good students who are increasingly going crazy about technical subjects after completing H. S. level, showing no interest to basic science. There must be a balance between basic science and technology in terms of availability of best brains so that both can develop.

DEPARTMENT OF MATHEMATICS

History of the Department

In 1957 the department of Mathematics commenced with a general course and honours in Mathematics was introduced from 1961. During the last fifty two years the strength of the department increased gradually and eminent teachers like Prof. Bankim Ghosh, Prof. Ashok Mukherjee, Prof. Rabindranath Bhattacharya and Prof. Mrityunjay Pandit successfully ran the department in the course of time. Many students who passed out from this department joined reputed institutions after completing higher studies and are now well established professionally.

Faculty profile –adequacy and competency of faculty

Number of teaching staff:	Sanctioned	4
	Present	4

- **Smt. Madhuri Mukherjee**, Associate Professor

M.Sc., D.I.I.T (C.M.C.P.)

First class first in M.Sc. (Silver medal) from I.I.T Kharagpur, Year 1980

Best lady graduate of the year 1978-79 from I.I.T. Kharagpur (Sarat Memorial Prize)

Special paper in M.Sc.: Operations Research and Computer Science

Teaching experience: 20 years

Permanent teaching assignment: Analytical Geometry of Two & Three dimensions,
Differential Equations –I, Analytical Dynamics of a
Particle, Computer Programming, Analytical Statics,
Hydrostatics, Rigid Dynamics

Attended Orientation Programme at Academic Staff College, Calcutta University from
March 19, 1996 to April 16, 1996.

Attended three Refreshers courses at Academic Staff College, C.U. on

- Feb 1-Feb 21, 1995
- Feb 19 - March 11, 2000
- Jan 31-Feb 20, 2001.

No. of Seminars attended: 15

- **Dr. Kripanath De**, Associate Professor
M.Sc. M.Phil. Ph.D.

Special paper in M.Sc.: Geophysics

Research area: Bio- Fluid Mechanics

No. of Publications: 07

Teaching Experience: 26 years

Present Teaching assignment: Modern Algebra –I, Linear Algebra, Linear programming and Game Theory, Numerical Analysis, Probability, Practical

Attended Orientation program of Academic Councilors held at M.M.C. College Study Centre, Kolkata organized by Netaji Subhas Open University on 24th January, 2009.

Attended UGC sponsored Refresher Course in Mathematics organized by the Academic Staff College in co-operation with the Dept. of Pure Math and the Dept. of Applied Math, C.U. on Feb 1st –Feb 21, 1995.

Attended U.G.C. sponsored Refresher Course in Applied Math on Jan 29-Feb 19, 1997.

No. of Publications: 07

No. of Seminars attended in the last 5 years: 12

- **Dr. Saumitra Mukhopadhyay**, Associate Professor, Head of the Department
M.Sc., M.Phil., Ph.D.

Special paper in M.Sc.: Advanced Differential Geometry

Research Area (Ph.D.): Structures on Riemannian Manifold and its applications

Number of research publications: 07

Teaching Experience: 16 years

Present Teaching Assignment: Real Analysis, Application of Differential Calculus and Integral Calculus, Functions of Several Variables, Metric Space, Complex Analysis, Tensor Calculus

Attended 8th Refresher course from 13th March 2001 to 2nd April 2001 from Academic Staff College, University of Burdwan.

Attended UGC sponsored refreshers course from 16th August 2001 to 5th Sept 2001 from Academic Staff college, University of Calcutta.

No. of Publications: 07

No. of seminars attended in the last 10 years: 06

• **Smt. Jhuma Bakshi (Bhowmick)**, Assistant Professor (Stage 1)

M.Sc. (Applied Math), NET qualified
Pursuing research in Operational Research from Bengal Engineering and Science University, Shibpur, Howrah-711103.
(Ph.D. registered on 31st Jan 2006)

Special paper in M.Sc.: Operational Research

Research Area (Ph.D.): Some Deterministic and Probabilistic Inventory Models

Number of Research Publications: 02
(Another two papers has been accepted and will be published soon)

Teaching Experience: 05 years

Present teaching assignment: Classical Algebra, Vector Algebra & Analysis,
Modern Algebra II & Differential Equations II,
Statistics, Algebra II

Attended UGC sponsored Orientation Program from Academic Staff College, University of Calcutta on 18th August to 13th Sept 2008 (75/76 Batch)

No. of seminars attended during the last 5 years: 09

Student Profile

B.Sc. (Honours & General)
The college is a co-educational college.
The students mainly belong to Kolkata and surrounding districts of W.B.

Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

No change has been made during the last two years.

Trends in success and drop out rates of students during the past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	21(21) 100%	25(26) 96%	NIL	1(26) 4%	60%
2003	2006	8(10) 80%	24(24) 100%	2(10) 20%	Nil	54%
2004	2007	11(14) 79%	20(22) 91%	3(14) 21%	2(22) 9%	52%
2005	2008	19(19) 100%	24(25) 96%	NIL	1(25) 4%	67%
2006	2009	7(8) 88%	15(16) 93%	1(8) 12%	1(16) 7%	50%

Learning Resources of the department

Library: (a) College library: Apart from useful & popular books on different topics, books of foreign authors, newly introduced books & revised editions of popular books, Question papers and Model question books are kept in the library.

(b) Departmental / Seminar library:

Number of Books: 115

Number of computers: 5

Enhancement of learning resources during the last few years:

- * Departmental library is continuously updated
- * Computer lab for Mathematics constructed
- * Math Quiz Competition organized
- * Students seminar organized
- * Science Exhibition organized
- * UGC sponsored State level seminar “ Mathematics in ancient India & its relevance in the 21st century” is organized on 18th Jan 2007
- * Seminar on “ Well Equipped Graduate “ on 2nd Feb 2006
 - Speakers: Dr. Ranajit Dhar (Ex-Principal)
& Representatives from GST (Global System Technologies)
- * Workshop on Mathematics Practical Examination C U. (Math), eight papers held on 11th March 2005.
 - Speakers: (a) Prof. P. R. Ghosh
(b) Prof. S. K. Dey

Modern teaching methods in practice and use of ICT in learning

- * Interactive Discussion method, Students seminar, Math Quiz competition, Workshop etc. are applied.
- * Regular class tests are taken and the answer quality, size, neatness, writing discipline, time and space management etc. are analyzed, discussed and taught to the students so that they can improve their presentation skills.
- * Academic calendars depicting the syllabus to be taught in Pre-Puja, Post Puja and before test are distributed among the students.
- * Overhead projector is used in seminars arranged by the department.
- * Models are used

Participation of teachers in academic and personal counseling of students

- * Parent teachers meeting held once in a year
- * The guardians are regularly informed about the academic progress and attendance of their wards.
- * Pre-admission counseling
- * Pre-examination counseling
- * Post examination counseling
- * Career guidance to the students
- * Students are encouraged to appear in different entrance tests in Research Institutes and IIT's.
- * After all class tests students are shown the evaluated scripts and group discussions as well as personal counseling is given to them to rectify their drawbacks.
- * After test examination remedial classes are also taken, if necessary.
- * Teachers are actively involved in the academic activities regarding educational development of students.
- * Students are encouraged to organize and participate in different cultural programs in the department and in the college.
- * For recreation and mental pleasure of the students, the department organizes picnic in each year and students of all years join to enjoy themselves.

Details of faculty development programs and teachers who benefited during the past two years

The Faculty members attended different state level, national and international seminars at various colleges, Universities and reputed institutions.

- * Dr. Kripanath De, Reader, Dept. of Mathematics attended Orientation Programme of academic counselors held at M.M.C. College Study Centre, Kolkata organized by Netaji Subhas Open University on 24th Jan 2009.

- * Smt. Jhuma Bakshi (Bhowmick) lecturer, Dept. of Mathematics attended UGC sponsored Orientation Programme from 18th August to 13th September 2008 at Academic Staff College , University of Calcutta.
- * Smt. Jhuma Bakshi (Bhowmick) lecturer, Dept. of Mathematics presented a paper entitled “A Production Inventory model of deteriorating items with two rates of production, shortages and variable production cycle” in a seminar / DSA programme of UGC, New Delhi on “ Recent Advances in Operational Research and related computational aspects” in the Dept. of Applied Mathematics, C.U. on 22nd & 23rd August 2007.
- * Smt. Jhuma Bakshi (Bhowmick) lecturer, Dept. of Mathematics presented a paper in a 2-day National Paper Presentation Competition on “Issues and Challenges in Indian Business Environment” at Management Education Centre, Heritage Institute of Technology, Kolkata on 2nd and 3rd July 2010 and won the first prize.
- * Dr. Kripanath De published three papers related to his research area ‘Bio-Fluid Mechanics’ in different reputed International journals.
- * Two papers of Smt. Jhuma Bakshi (Bhowmick) has been published and two other papers relating to her research area ‘Operational Research’ has been accepted in reputed National and International journals.

Seminars attended by the faculty in last two years:

Prof. Madhuri Mukherjee:

UGC-DST-CFSL Sponsored two day National Conference on ‘Computer Applications for the 21st century Synergies & Vistas’ organized by Dept. of Comp. Sc., Vidyasagar Day College on 11th & 12th Dec’08.

State level seminar on ‘Mathematics vis-a-vis World of Experience’ organized by Dept of Mathematics, Bethune College on 15th Feb’08.

Prof. Jhuma Bhowmick:

A UGC-DST-CFSL sponsored two day National conference on ‘Computer Application for the 21st century Synergies & vistas organized by Dept. of Computer Science, Vidyasagar College held on ‘11th & 12th Dec’08.

A state level seminar on ‘Mathematics Vis-à-vis world of Experience’ organized by the Dept. of Mathematics Bethune College held on 15th Feb’08.

Participation / contribution of teachers to the academic activities including teaching, consultancy and research

Teachers of the department participated in different State level, National and International seminars organized at different institutions during the last few years. Dr. Kripanath De has published two papers relating to his research area Bio-fluid Mechanics in reputed international journals in the last three years. Prof. Jhuma Bhowmick has published two papers, two papers have been accepted and two papers communicated in different reputed international journals relating to her research area Operational Research. She also presented one paper in a seminar / DSA programme of UGC, New Delhi in the Dept. of Applied Mathematics, Calcutta University.

Collaboration with other departments / institutions, at the State, National and International levels, and their outcome during the last two years

Nil

Priority areas for research and details of the ongoing projects, important and note worthy publications of the faculty, during past two years

At present priority areas for research are Stochastic Inventory Models and Bio-Fluid Mechanics. In the past two years three papers has been published by the faculty members in reputed journals.

No project has been undertaken by the faculty members during the last two years.

Important publications in last two years:-

Prof. Kripanath De:

“Effects of Hematoerit level on the oscillatory flow characteristics of blood in stenosed artery”- S.Paria, K.N.Dey, H.P.Mazumdar -Institute of Applied Mechanics and Engineering (2007), vol-12, No. 4.pp 1103-1115

“ A Mathematical Model for Blood Flow through straight artery of slightly non-circular cross section”, K. N. De, International Journal of Applied Mechanics and Engineering, Vol. 14, No. 1 , pp-261-275 (2009)

Prof. Jhuma Bhowmick:

“A continuous Deterministic Inventory system for deteriorating Items with Inventory-Level-Dependent time varying Demand Rate”, Tamsui Oxford Journal of

Mathematical Sciences 23(2) (2007) 173-184, Aletheia University.

“Optimum Level of Product Availability & Pricing for Retailer in Supply Chain of Seasonal Items with Stochastic Demand including the Mixture of Backorder and Lost Sales”, Perspectives on Management, ISSN 0974-7095, Vol-2, No.6 (2010) 187-206.

“An Order-level Inventory Model for Items with Weibull Distribution Deterioration, Shortages and Stock-Dependent Time Varying Demand”, Advanced Modeling and Simulation Techniques in Enterprises, France (accepted in May 2010).

“A Deterministic Inventory System with Weibull Distribution Deterioration and Ramp Type Demand Rate”, Electronic Journal of Applied Statistical Analysis (accepted in July 2010).

Placement record of the past students and the contribution of the department to aid student placement

The students of Mathematics department of this college are consistently performing well in the University exams and different competitive entrance tests for the last few years.

- * Each year students of Mathematics department are selected to M.Sc. courses (Applied and Pure) in different Universities.
- * Some of our students qualify in the joint admission test for IIT's for admission to post graduate courses at IIT's.
- * Many of them join MCA courses in different Engineering colleges and Universities.
- * Some of our students are employed in different reputed institutions :

Name of the student	Year of passing	Name of the Institution (Employer)
Saptarshi Chakraborty	2005	IBM
Prabir Das	2005	Cytel Statistical Software Services, Pune
Subhendu Adhikary	2005	Reserve Bank of India
Sanghamitra Basu	2005	State aided school through S.S.C.
Rajkumar Gupta	2007	Dumdum Airport Hindi High School
Sougata Pal	2007	Own Company named TECHUNITS (software and web development company). Also conducts industrial training for Computer

		Application (Vocational Course) Shou.paul@gmail.com Shou.paul@techunits.com
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A brief list of students admitted in reputed Institutions is given below:

Name of the student	Year of passing	Name of the Institution
Rajib Dutta	2005	TIFR , Bangalore
Subhendu Adhikary	2005	IIT , Kharagpur
Prabir Das	2006	IIT, Mumbai
Saikat Mazumdar	2009	TIFR, Bangalore
Santu Mandal	2009	Chennai School of Mathematics, Chennai

Plan of action of the department for the next five years

- * Recruitment of a computer trained professional in the computer lab to help the students
- * Improve the college and seminar library
- * Arrange a computer training course for the first year students of the department
- * To Keep some useful journals in the departmental library so that teachers and students can benefit from them
- * Have access to internet connection and e-journals

SWOT ANALYSIS

STRENGTH

- * The Department has commendable strength so far as teaching and laboratory facilities are concerned. Two faculty members have Ph.D. degree and one is on the process of submission of her thesis for Ph.D. The department has a separate computer lab for its students and teachers.
- * The college and departmental library is quite rich and has sufficient number of text and reference books on Mathematics by foreign and native

authors. Students with financial problems are also helped with books and college fees by the teachers of the department.

- * The location of the college at Central Calcutta and with proper connectivity by metro rail and road is an added advantage for students approaching the college from anywhere in Kolkata and adjacent areas.
- * The department has its own computer laboratory in a spacious and well ventilated room. Five computers are installed there. The lab is under the supervision of expert faculty member Prof. Madhuri Mukherjee to impart computer education needed.
- * Students of the department attend regular classes in their interest reflecting the students concern for self development taking the advantage of departmental facilities.
- * A good number of honours graduates in each year go for post graduate studies and some of them take up research work in different Universities, IIT's and reputed research institutes like TIFR, Bangalore while few of them opt for job oriented courses like MCA etc.

WEAKNESS

In maintaining ideal teaching environment the department faces the following problems:

- New faculty member needs to be added to respond to the growing number of students.
- Computer terminals need to be increased.
- Limited internet connectivity is another problem.
- There is a shortage of rooms in the college which leads to inconvenience to both students and teachers during University exams and a good number of classes are lost due to this problem.
- There is no scope for periodic revision of syllabus responding to the changes in the market as the college follows the prescribed syllabi of Calcutta University.

OPPORTUNITIES

- * Mathematics is a subject which has wide applicability in areas like Management, Econometrics along with the traditional applications in the

research and development of basic sciences like Astrophysics, Quantum Mechanics, Biophysics, Computer Science & Cybernatics, Ecology, Classical Mechanics etc.

- * Proper enriching of syllabus with incorporation of modern technologies can help the students to find newer jobs along with the existing jobs.
- * Mathematics department gets strong response in terms of student admission during the admission hours. The seats get saturated as students show interest in taking honours in Mathematics.
- * There is ample opportunity for opening up post graduate course as there is a demand of such course in the market. This opportunity can be exploited by the department by restructuring and resizing.

THREATS

- * Lack of internet connectivity and e-journals is a hurdle for departmental research.
- * The students are nowadays more inclined towards technical education as it provides quicker jobs which the general stream studies fails to provide.
- * The University syllabus for mathematics honours student's needs to be improved and restructured to meet the requirement of modern age technologies.

DEPARTMENT OF COMPUTER SCIENCE

History of the Department

On an auspicious day of 26th March, 2002 Computer Science Department was opened with student strength of less than fifty, under the able guidance of our ex principal Dr. Ranajit Dhar and Smt. Madhuri Mukherjee. The department offered Honours and General course and after six month of its inauguration Computer Application Major Course was also started with approximately ten students. The department then had ten machines of PITT configuration and only the ground floor lab to cater to the needs of the curriculum.

However as time passed the department emerged as one of the most resourceful department of the whole college. Presently more than two hundred students study Honours, Vocational and General Courses in this department which is now equipped with 30 machines and two servers. The department boasts of the placement facilities provided by Smt. Saswati Chakraborty. Last but not the least Mr. Arunava Ghosh (Technical assistant) and Mr. Monoj Chowdhury (non-teaching staff) have been a pillar of strength for the past eight years.

Kudos, to the students and the teachers who have made the college proud of this department.

Faculty Profile, adequacy and Computer of Faculty

<i>Name of Teacher</i>	<i>Designation</i>	<i>Academic Qualification</i>	<i>Research Experience</i>	<i>Teaching Experience</i>
Smt. Monali Poddar	Assistant Professor (Stage 1)	M.Tech. M.Sc.	1 Year (along with 6 months of industrial experience)	6 years (last 4 years as full-timer)
Smt. Saswati Chakraborty	College appointed full-time lecturer	M.Tech. M.Sc.	Nil	6 years as full-timer
Smt. Sayantani Ghosh	Guest-Lecturer	M.Sc.	Nil	3
Sri Joyjit Pyne	Guest-Lecturer	M.Sc.	Nil	3
Sri Surajit Manna	Guest-Lecturer	B.Tech.	Nil	2
Sri Barun Das	Guest-Lecturer	B.Tech.	Nil	1
Smt. Moumita Chatterjee	Guest-Lecturer	M.Sc.	CCI/TA 2010 Conference processing	1
Smt. Ayoni Mukherjee	Guest-Lecturer	B.Tech.	Nil	1

Sri Subhajit Setua	Guest-Lecturer	M.Sc.	Nil	1
Sri Prasun Kumar Patra	Guest-Lecturer	M.Sc.	Nil	1
Sri Chinmoy Joardar	Guest-Lecturer	B.Tech.	Nil	2
Smt. Debasree Saha	Guest-Lecturer	M.Sc.	Nil	1

Student profile according to programme of study, gender, region etc.

B.Sc. Honours and General and Computer Science Application (Major) re the courses taught here.

It is a co-educational college.

The college is located at 20, Ramkanto Bose Street, Kolkata-700003.

It is very close to Shyambazar 5 point crossing a prominent location in Kolkata.

Changes made in the courses or programmes during the five years and the contribution of the faculty to these changes

2005 onwards the entire examination pattern has been modified to 1+1+1 exam system

Trends in the success rate and drop-out rate of students during the past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	6(6) 100%	3(3) 100%	NIL	NIL	30%
2003	2006	17(17) 100%	2(2) 100%	NIL	NIL	33%
2004	2007	20(22) 91%	6(6) 100%	2(22) 9%	NIL	34%
2005	2008	42(43) 98%	1(1) 100%	1(43) 2%	NIL	35%
2006	2009	40(45) 89%	2(2) 100%	5(45) 11%	NIL	34%

Learning resources of the department like library, computers, laboratories and others

Ample numbers of modern computers with latest configuration are set in the departmental laboratory. Though we do not have any Internet connections but we do hope to get the broadband connection very soon.

I) Library: Central

II) Our software laboratory is well connected through LAN. The machines have both Windows and LINUX operating Systems.

- Our Hardware laboratory consists of several i) CRO's ii) Signal Generators iii) OP-AMP kits iv) Bridge-rectifier kits with regulation v) power-supplies ,vi) Millimeters.

Along with these IC chips of different categories, diodes, LED's, transistors are there for the smooth functioning of our hardware lab.

- For micro processor based experiments sufficient number of micro processor kits with interfacing facilities, are available.

III) The department also has a laptop, a LCD projector and a screen for projection. These equipments help us to conduct the different seminars held at regular basis.

Enhancement of the learning resources during the past five years

- Departmental Seminar
- Student Seminar
- Hope to get the E-book and E-learning facility once the broadband connection is received.

Modern teaching methods in practice other than the lecture method

- All third year students are encouraged to take up Software projects where they encounter real-life problems.
- For this purpose teachers take keen interest in making the students aware of the resources of the different software available.
- Students' seminars are held where they exhibit their performance in projects. Students' seminar, interactive discussion methods are all held for development of students.
- How to write good answers and equip oneself with the requirements of the corporate world, are discussed with the students.

Participation of teachers in academic and personal counseling of students

Departmental (Student) seminar, Pre and post examination counseling, suggestions as remedial measure for the better performance in examinations are held.

After the evaluation of the scripts of internal test exams the faculty members suggest a better way of answering. Counseling by the faculty members in group or individual is provided to cope with the pressure of study materials and curricula.

Details of faculty development programmers and teachers who benefited during the past five years

None of the faculty availed the benefit of faculty development programmes during the past five years

Participation of teachers in academic activities other than teaching and research

Teachers of this department actively involve themselves in the academic activities, other than teaching and research .They arrange class seminars, discussions-session video-show, invited lectures by the guest lecturers by the universities and other research centers. Educational tours are also arranged by the faculty to enrich the students mentally. Easy discussions of the students with the faculty and sympathetic interaction between students and the faculty are the exceptional feature of this department. The faculties as a whole participate in all the programmes for the benefit of the students.

Participation of the department in the extension activities of the college

The departmental students actively participate in the community extension conducted by the NSS. Students of the department organizes teachers day every year.

Methods of continuous student's assessment

The following methods of continuous students assessment are the undertaken viz.-

- Periodic tutorial class examination and correctional action.
- Special assessment is undertaken after question-answer session in open house particularly for non-participative students.
- Periodic Class Tests are conducted and discussed identifying errors and corrections and suggestions provided for betterment.
- Guardians are made aware of the performance of their wards.
- Any other writings or contest beyond course curricular are also accessed and cancelled as and when sought for.
- Students' Seminars, Quiz Contests are arranged.

Collaboration with other departments and institution at the national and international levels and their outcome during the past five years

No such collaboration has been made with other national and international institutions, but there is intra-college, inter-departmental collaborative programmes.

For example under Project Headings like

1. Computerized Security System using Image Processing.
2. Image Processing Toolbox using MATLAB.

Publications of the faculty for the past five years

1. “Wavelet approach for Iris Recognition System” By Moumita Chatterjee and Banani Saha presented in CCITA 2010(International Conference of Computing, Communication *and* Information Technology Applications) Jan 21-23, 2010.
Organized by:
V.L.B. JANAKIAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, KOVAIPUDUR, COJMBATORE – 42
2. “Wavelet approach for edge detection in Iris Recognition System”
By Moumita Chatterjee and Banani Saha
Accepted in International Journal of Research and Reviews in Applied Science
ISSN: 2076-7346, EISSN: 2076-7366

Placement record of the past students and the contribution of the department to the student placements

From the very beginning the Department of Computer Science and Computer Application has taken initiative to place the students in appropriate organization to secure their future. The placement data of the students are listed below:

Year	Name of the Student	Name of the Organization
2005	1. Avik Shee	Cognizant Technology Solutions (CTS)
	2. Deboli Paul	-----do-----
	3. Sabyasachi Chatterjee	-----do-----
	4. Rodin Ghosh	-----do-----
	5. Abhijit Mukherjee	-----do-----
	6. Sovon Bhattacharya	-----do-----
2006	1. Joy Raha	Cognizant Technology Solutions (CTS)
	2. Tirtha Pratim Ganguly	-----do-----
	3. Binod Kumar Shaw	-----do-----
	4. Saranya Dasgupta	-----do-----
	5. Tarun Srivastava	-----do-----
	6. Tanmoy Chowdhuiy	-----do-----
	7. Saikat Sinha	Indus Net Technology
	8. Sumit Ghosh	Entrepreneur (Owner of Software Development firm named Pixlie)
2007	1. Anirban Chakraborty	Cognizant Technology Solutions (CTS)
	2. Moumita Chatterjee	-----do-----
	3. Saket Mishra	-----do-----
	4. Rishikesh Pandit	Wipro
	5. Tanuruchi Banerjee	-----do-----
2009	Data not available	HDFC Standard Life
2010	Avishek Sanyal	

Significant achievements of the departments, faculty and students during the past five years:

The department more or less maintains its academic consistency in the university examinations.

Plan of action of the department for the next five years

- To make the students learn how to make a documentary film.
- To make the students learn how to make animation film including 3D animation film.
- To encourage the students to implement the real world problem.
- To make software projects.
- To publish a Departmental Journal, to organize seminars on Practical Ethics.
- To organize seminars on inter disciplinary topics.

- Workshop on different Hardware and Software.
- Faculty exchange programme.
- To invite renowned teachers of the university and research centers to deliver lectures.
- Organizing Debate.
- Develop more interaction between student and teacher through different co-curricular activities
- A state level seminar on value of Computer Science.
- To organize seminars on inter disciplinary topics.

Any other highlights:

The Department tries its best to make the students feel comfortable with the subject. Since Computer Science has a wide application a thorough depth of the subject is very much needed. The Department tries to create an atmosphere where the students can use the existing resources to get the maximum benefit.

Using all the available resources, all the teachers of the Department with their dedication makes sure that the need of the student is first met and the this is reflected in the performance of the students in the University Examination which is quite satisfactory to make the college proud.

SWOT Analysis

STRENGTH

Our department has a very strong teaching and laboratory facility.

Classes are held at a very regular pace and laboratory classes are also held very regularly. The teachers are very motivating and they constantly urge the students to strive for a good result. All the students are given equal opportunity to learn the subject with the help of Computer so that they are well equipped to face the corporate world. Seminars are held quite often where different software and technical teaching institutions come to make our students aware of the different advancements in software that is going on.

Our department has two AC laboratories which are well connected through LAN and there are altogether twenty six computers, three printers, one scanner which are used for the different lab classes.

WEAKNESS

Due to shortage of space we are unable to separate our hard-ware laboratory. We are also unable to maintain a departmental seminar library. Due to the lack of a proper

Seminar Room we have to make a lot of arrangements while holding the seminar. Since

most of the teachers are guest-lecturers we can not maintain a regular routine. Whenever they leave we face a difficulty in rearranging the classes and therefore completing the syllabus becomes a major hurdle

OPPORTUNITIES

This is an age of COMPUTER and COMMUNICATION. The present syllabus that our students study can be very much of use for upgrading oneself according to the current need. The scope is vast and highly rewarding. We are trying to steer them as far as possible for a successful career.

Our department helps the students in exploring different avenues to pursue further studies, after the completion of their Undergraduate Course, by providing them with necessary information regarding various Universities and Research Institutes in India and abroad.

Our department arranges for different seminars where all information regarding the requirement of the Industry and how to upgrade oneself for the Industry is looked after.

THREATS

Since there are lot of Technical Institutes which are offering B.Tech degrees our students face a tough competition as B.Sc. Honours candidates. But in spite of all these we encourage and motivate the students to compete with the B.Tech students.

DEPARTMENT OF ZOOLOGY


















Brief History of the department of Zoology

The department of Bio-science was introduced in the year 2004 when only Higher Secondary course was affiliated by the Calcutta University. As the demand of the Zoology as a subject was progressively increased, the B.Sc. general course was introduced for both boys & girls students. It started with only few students with only one teacher along with one non-teaching staff. Later two more faculty posts were increased on temporary basis. In spite of the students coming mostly from poor remote socio-economic conditions, a good number of students excelled with bright results in B.Sc. exam of the University comparable to other renowned college of the University of Calcutta.

After the completion of their 3 years degree course, a good number of students join their like medical representative, at call centers, school and medical transcriptions etc.

Faculty Profile

Permanent faculty member

-  **Dr.Lalita Das**, M .Sc. Ph .D.
Associate Professor, Head of the Department of Bio-Science
 -  Special paper in M .Sc. : Cytogenetics
 -  No. of research publications : 14
 -  No. of refreshment course attended : 2
 -  No. of orientation programme attended : 1
 -  No. of seminar attended : 11
 -  No. of workshop attended :3
 -  Post-doctoral fellow at USA Michigan University
 -  Teaching experience :18 years
 -  Present teaching assignment : Cytology, Genetics, Evolution, Biotechnology, Adaptation, Economic Zoology etc
- ii) **Sri Saikat Roy** , M .Sc (College Appointed Part-time Lecturer)
 -  Special paper in M .Sc. : Ecology
 -  Teaching experience : 2 years
 -  Present teaching assignment : Ecology, Biochemistry, Pollution, Wildlife, Economic Zoology etc
 -  No. of seminar attended : 5
 -  No. of workshop attended : 1
- iii) **Sri Sumanta Dutta** , M .Sc., B .Ed. (Guest Lecturer)
 -  Special paper in M .Sc. : Genetics & Molecular Biology
 -  Teaching experience :3 years

- ✚ Present teaching assignment : Functional anatomy of Chordates & Non-chordates ,Developmental Biology, Immunology, Economic Zoology etc
- ✚ No. of seminar attended : 4
- ✚ No. of workshop attended : 3

Students profile according to programmes of study, gender, region etc.

B.Sc. General (Bio- Science)

- The department is both for boys and girls.
- The students come mostly from mediocre families.
- Among the students few remain engage into some sort of profession to earn livelihoods for their families, so sometime they miss their regular as well as remedial classes.
- Some students are more competent in Hindi or English as they come from other boards than WBCHSE.

Changes made in course or programmes during the past five years & the contribution of the faculty to those changes.

2005 – C.U. Part III (General theory) Zoology 4th paper, new chapters added

2005– C.U. Part I, Part II & Part III general theory paper syllabus was been rescheduled.

2005 – C. U. B.Sc. general, (2+1) system has been replaced by (1+1+1) system.

Trends in success rate & dropout rate of students during the past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)	
From	To	(H)	(G)	(H)	(G)	(H)	(G)
2002	2005	N.A.	N. A.	N.A.	N.A.	N.A.	N.A.
2003	2006	N.A.	N. A.	N.A.	N.A.	N.A.	N.A.
2004	2007	N.A.	2(4) 50%.	N.A.	2(4) 50%.	N.A.	Nil
2005	2008	N.A.	14(14) 100%	N.A.	NIL	N.A.	50%
2006	2009	N.A.	12(13) 92%	N.A.	1(13) 8%	N.A.	44%

Resources of the Department like library, computer, laboratories and others

- i) Library – Central Departmental Library contains many books.
Seminar Departmental Library contains 50 books for general students. The books are distributed regularly to students.
List of the books of this library is annexed herewith –
- ii) Periodicals & Journals: NIL
- iii) Computers: NIL
- iv) Laboratory – Well equipped laboratory with Microscopes (25), Dissecting trays, Dissecting Binoculars (10), Binoculars, Charts, and Microscopic slides, Skeleton, Chemicals & many instruments.

Other such resources: Collection of preserved old valuable specimens.

Enhancements of learning resources during past five years

- Departmental seminars by ex-students and present students based on their subject syllabus.
- Students are encouraged to visit reserve forests where they come in close contact with nature & for better understanding and increasing interest in the subject.

Modern teaching methods in practice other than the lecture method

- ❖ In addition to class lectures and board works, the department arranges seminars at regular intervals by the students specially based on the syllabus of the university.
- ❖ Such seminars help the students in the exam & those students who are not regular in their classes also benefited.
- ❖ Samples of best answer scripts are circulated as model answers for the development of ideas about answering the questions.
- ❖ Samples of the best practical note books and field records are also presented for the new students.
- ❖ Students are encouraged for field trips as field trips or excursions are considered as essential pre-requisites for proper teaching learning in the field of biological science. A student of Zoology gets ample opportunity to judge the variety & endorse the scientific facts about the animals through educational excursions. A classroom teaching suffers from certain inadequacies and limitations that are supplemented in the field trips. It also develops the spirit of enquiry about lifestyle, habitat, behaviour and of the organism in situ. At the same time a comprehensive idea of the

community ecology can be developed from the field study. This also enables the group members to develop team spirit and cooperative attitude that have some bearing in making a good citizen with social bandage.

With this in mind the department arrange educational field trips or excursions every year .The excursions expose the students to the nature and ecological system where they have a feel of the place.

- ❖ Conditions motivation for the betterment of the result, asking their daily routine they are also taught how to manage time at home and outside.
- ❖ Sometimes department arrange to supply download materials to students on related topics to encourage them in better learning.






Participation of teachers in academic and personal counseling of students

Parent-teacher meeting

Regular parent-teacher meeting has been arranged in the department which is unique feature to improve the performance of the students and relation with their parents. The performances of the students are assessed and their weak and strong points are conveyed to their parents, so that parents can also play the good role in their child's carrier & inspire them to achieve the goal. Through this interaction the students can work on their strong points and relatively their short comings. The parents appreciate the noble idea and attended the meeting without fail to know about the progress of their words. From them onwards, parents are always in touch with teachers over telephone and also personally visit the college to find out the regular progress of their words. We expect that the exchange of ideas and advice among the teachers, parents and students will fetch a better result in near future.

Pre-examination counseling

Properly reading the question papers in the exam hall, quality & length of the answer (according to marks), neatness , writing skill , space maintenance and time management all are discussed before exam and during class hours.

-  Emphasis is given on writing practice with good handwriting (with watch).
-  During parent teacher student meeting parents are advised to create an environment of exam hall at home for exam practice before final exam of the university.
-  Above steps help in installing self confidence of the student and make them fit for fearless exam.
-  Academic calendar given by the Calcutta University and syllabus divided according to pre-puja, post-puja, post-X-mass is supplied to the students.
-  Well equipped laboratory fits for all different type of practical works.

- ✚ Department conduct tutorial or remedial classes on regular basis for weak & absent students (for job).
- ✚ Assessment of the students through various tests .Unit test, test and annual exam, group discussion, and interaction in classroom & laboratory has been done.
- ✚ The department conducts tutorial, midterm exam on regular basis. Departmental seminar 9student) parent – teacher meeting, pre-examination & post-examination counseling are conducted. After all internal tests a student is shown the evaluated answer scripts as well personal counseling is given to them to rectify their drawbacks. Remedial classes are taken in this respect & also after the test examination.
- ✚ **Personal Counseling of students**
We also take initiatives to counsel the students personally by giving them some precious time apart from classroom teaching .We inspire and motivate them and try to solve their different problems .As different students belong to different socio-economic environment we also try to bind them in a single thread . Continuous process of carrier counseling, we provide to the students by interaction and newspaper specially the completion of their final exam, they come together in the department .We all teachers sit with them and guide them to choose the proper ways to follow in future. We also arrange seminars given by the Karyograph and provide the ex-students' suggestions of the college who are engaged at different places of the city.

Details of Faculty Development Programmes and teachers who benefited during the past five years

NIL

Collaboration with other departments and institutions at the national and international levels and their outcome during the past 5 years

NIL

Details of ongoing projects and projects completed during the last 5 years

NIL

Publication of the faculty for the past 5 years

NIL

Participation of the department in the extension activities of the college

- Teachers of the department are actively involved among themselves to improve the departmental other activities as they guide students' cultural programme , freshers' welcome , farewell, Reunion and long excursions. They also attended refresher courses, orientation programmes, seminars (VGC & other) at national level, workshops, lecture meeting etc.

Such types of activities help to make a good and friendly relationship between students and teachers.

- **Cultural programmes**

Reunion of fresh and pass out students, farewell of the 3rd year students and a cultural programme is jointly organized by the students of the Zoology department is a very special occasion in our department. The occasion unites the ex-students with existing students and the event is a grand success with a number of activities taking place.

Programme starts with introduction of the students and ends with the past experiences of the 3rd year students. In between dance, recitation, solo song , group song ,drama are performed by the students.

At last 3rd year students express their views regarding each teacher and the department which encourage us as well as present students.

Sometime their feeling about the department and their friends create an emotional environment.

- **Interaction**

A session of interaction was arranged between the ex and existing students exchanging their views about the subject of interest, further studies and job option.

- **Educational tours to different Reserve forests and other places of subject interest**

- Excursion 2004 : For Part II – Alipore Zoological Garden and Indian Museum

For Part III – Poultry & Sericulture at Narendrapur, Ramkrishna Mission.

- Excursion 2005 : Visit to the Indian Museum
- Excursion 2006 : For both Part II & Part III – Dighe sea beach
- Excursion 2007 : For all 3 years – Gorumara Wildlife Sanctuary , Dooars
- Excursion 2008: For all 3 years – Nagzira Wildlife Sanctuary and Nawegaon National Park, Maharashtra.
- Excursion 2009: For all 3 years – Kanha National Park, Jabalpur , Madhya Pradesh.

Economically backward but good students are helped by the department fund for excursion expenditure.

➤ **Method of continuous student assessment**

The following methods of continuous student assessment are undertaken –

- Assessment of the student through various tests, unit test, test exam & annual exam, group discussion, interaction in classroom and laboratories is done.
- Special assessment is undertaken after question answer session is open house particularly for non-participative students.

Significant achievements of the department faculty, students during the past five years





In 2009, one candidate scored 68.8% marks in B.Sc. and 93 in Zoology out of 100.

Placement record of the past students and the contribution of the department to aid students placements

NAME	YEAR OF PASSING	ADDRESS	CONTACT NO.	OCCUPATION
Subrata Maity	2007	150 B/2, Kali Charan Ghosh Road, Kol-50	9239117029	Medical representative
Gourav Gangopadhyay	2008	27-J, Gopi Mohan Dutta Lane, Kol-3	9831737310 9477095709	Medical representative
Subhas Prasad	2009	Texmaco Estate, S.Q.26, P.O.-Belgharia, Kol-56	9804098674	C, C++ & course in SAP
Avijit Bose	2009	16/1, DumDum Motijhil Road, Kol-74	9432190945	Medical Representative
Rudrajit Roy	2009	Santinagar (Balaka), P.O.-Hridaypur, Kol-127	9231310925	Software programmer at MSR Sys, Saltlake

Department also organize several career counseling programmes by different companies to aid the students to find several job opportunities.

Plan of action of the department for next five years

-  Introduction of computer for the teacher and students
-  To organize a science exhibition on environmental pollution
-  Inter college and Intra college quiz competition.
-  Introduction of modern teaching learning method for improvement of teaching.

SWOT Analysis

STRENGTH



- Close relationship between teachers and students on academic and personal level is the main strength of our department. Our department is like a family where each member is free to interact with each other.
- Different co-curricular activities like fresher's welcome, Reunion with outgoing students, picnics, excursions and cultural programmes create a favorable fearless environment.
- All the above departmental activities help to improve students' responsibility and confidence.

WEAKNESS

In maintaining ideal teaching environment the department of Zoology faces the following weakness –

- ✓ In our department as only one permanent post of Dr. Lalita Das, whenever a teaching post falls vacant, usually due to better chance of the Part-time & Guest-lecturer, it takes considerable time to fill up the vacancy. This hampers the completion of the syllabus.
- ✓ Gradual decrease in students' attendance in the class is the matter of concern.
- ✓ Shortage of space is another weakness of our department.

OPPORTUNITIES

-  For the development of oratory skill of our students selected topics of the syllabus are provided to them beforehand and they deliver lectures on the topic on pre-fixed dates. It is observed that many of the students display exemplary oratory skill. This also has the impact of breaking the barrier of fear at the very formative stage of the life.
-  The department of Zoology helps the student after completion of their undergraduate course by providing them necessary information regarding various job oriented courses of the country.

THREATS

- The department has facing a serious threat towards having required quality and number of students to pursue Zoology general course.

The insufficiency of employment in the country also discourages them to take bio-science as a carrier.

DEPARTMENT OF BOTANY

Brief History of the Department of Botany

The subject BOTANY was introduced in the college curriculum from the session 2004-2005. It is a compulsory subject for bio-science general students along with Zoology and Chemistry. The department was started with only one college appointed full time lecturer and one non teaching staff on temporary basis. Later two posts (one part time lecturer and one guest lecturer) were created on temporary basis. In present day the department has one full time lecturer and two guest lecturers. Students of this department are mostly from poor socio-economic backgrounds. But their bright results in CU Examinations are the treasure of the department.

Faculty profile

- i) **Smt. Sayanti Sen (Ray)** [M. Sc., B. Ed., M. Phil.] (College appointed full time Lecturer)
 - ✚ Special paper in M.Sc. Plant taxonomy
 - ✚ No. of seminar attended : 6
 - ✚ No. of workshop attended : 1
 - ✚ Teaching experience : 5 years
 - ✚ Present teaching assignment: microbiology, taxonomy, genetics, plant physiology, economic botany etc

- ii) **Smt. Apala Saha** , M.Sc. (Guest Lecturer)
 - ✚ Special paper in M.Sc.: Microbiology
 - ✚ Teaching experience: 4 years
 - ✚ Present teaching assignment: bryophyte, pteridophyte, gymnosperm, biochemistry, genetics etc
 - ✚ No. of seminar attended : 1
 - ✚ No. of workshop attended : 1

- iii) **Smt. Debasmita Ghosh** , M.Sc. (Guest Lecturer)
 - ✚ Special paper in M.Sc.: Genetics & Molecular Biology
 - ✚ Teaching experience: 2 years
 - ✚ Present teaching assignment: cell biology, anatomy, mycology, pathology etc.etc
 - ✚ No. of seminar attended : 2
 - ✚ No. of workshop attended: 1

Student profile according to programmes of study, gender, region etc.

B.Sc. General (Bio- Science)

The college is both for boys and girls.

Changes made in course or programmes during the past five years & the contribution of the faculty to those changes

2005– C.U. Part I, Part II & Part III general theory paper syllabus was been re-scheduled.

2006 – C. U. B.Sc. general, (2+1) system has been replaced by (1+1+1) system

2007 – C.U. B. Sc. General theory and practical syllabus was reformed

In any change of syllabus, faculty of this department prepare their notes for the given assignments, make a discussion session with other faculty members, then together they prepare question bank of the given topics and prepare the required reference list for the students.

Trends in success rate & dropout rate of students during the recent years

Years		Success rate (%)		Failure rate (%)		Drop out (%)	
From	To	(H)	(G)	(H)	(G)	(H)	(G)
2002	2005	N.A.	N. A.	N.A.	N.A.	N.A.	N.A.
2003	2006	N.A.	N. A.	N.A.	N.A.	N.A.	N.A.
2004	2007	N.A.	2(4) 50%.	N.A.	2(4) 50%.	N.A.	Nil
2005	2008	N.A.	14(14) 100%	N.A.	NIL	N.A.	50%
2006	2009	N.A.	12(13) 92%	N.A.	1(13) 8%	N.A.	44%

Resources of the Department like library, computer, and laboratories and others

i) LIBRARY – Central Departmental Library contains many books.

Seminar Departmental Library contains 50 books for general students. The books are distributed regularly to students.

ii) Periodicals & Journals: NIL

iii) Computer: NIL

iv) **LABORATORY** – Well equipped laboratory with Compound Microscopes (25), simple microscope, Charts, Microscopic slides, Chemicals & many instruments.

Other such resources: Collection of preserved old valuable specimens

Enhancements of learning resources during past five years

- Departmental seminars by ex-students and present students based on their subject syllabus.
- Students are encouraged to visit botanical gardens where they come in close contact with nature & for better understanding and increasing interest in the subject.

Modern teaching methods in practice other than the lecture method

- ❖ In addition to class lectures and board works, the department arranges seminars at regular intervals by the students specially based on the syllabus of the university.
- ❖ Such seminars help the students in the examination & those students who are not regular in their classes also benefited.
- ❖ Samples of best answer scripts are circulated as model answers for the development of ideas about answering the questions.
- ❖ Samples of the best practical note books and field records are also presented for the new students.
- ❖ Students are encouraged for field trips as field trips or excursions are considered as essential pre-requisite for proper teaching and learning in the field of biological science, a student of Botany gets ample opportunity to endorse the scientific facts about the plants through educational excursions. Classroom teaching suffers from certain inadequacies and limitations that are supplemented in the field trips. It also develops the spirit of enquiry about the in-situ lifestyle, habitat and behaviour of the plant in-situ. At the same time a comprehensive idea of the community ecology can be developed from the field study. This also enables the group members to develop team spirit and cooperative attitude that have some bearing in making a good citizen with social bandage. With this in mind the department arrange educational field trips or excursions every year .The excursions expose the students to the nature and ecological system where they have a feel of the place.
- ❖ Conditions motivation for the betterment of the result, asking their daily routine they are also taught how to manage time at home and outside.

Participation of teachers in academic and personal counseling of students

✚ Parent-teacher meeting

Regular parent-teacher meeting has been arranged in the department which is unique feature to improve the performance of the students and relation with their parents. The performances of the students are assessed and their weak and strong points are conveyed to their parents, so that parents can also play the good role in their child's carrier & inspire them to achieve the goal. Through this interaction the students can work on their strong points and relatively their short comings. The parents appreciate the noble idea and attended the meeting without fail to know about the progress of their words. From them onwards, parents are always in touch with teachers over telephone and also personally visit the college to find out the regular progress of their words. We expect that the exchange of ideas and advice among the teachers, parents and students will fetch a better result in near future.

✚ Pre-examination counseling

Properly reading the question papers in the examination hall, quality & length of the answer (according to mark), neatness, writing skill, space maintenance and time management all are discussed before examination and during class hours.

- ✚ Emphasis is given on writing practice with good handwriting (with watch).
- ✚ During parent-teacher-student meeting parents are advised to create an environment of examination hall at home for practice before final exam of the university.
- ✚ Above steps help to improve confidence of the student
- ✚ Academic calendar given by the Calcutta University and syllabus divided according to pre-puja, post-puja, post-X-mass is supplied to the students.
- ✚ Well equipped laboratory fits for all different type of practical works.
- ✚ Department conduct tutorial or remedial classes on regular basis for weak & absent students (if absent with prior information).
- ✚ Assessment of the students through various tests. Unit test, test and annual exam, group discussion and interaction in classroom & laboratory have been done.

✚ Personal Counseling of students

We also take initiatives to counsel the students personally by giving them some precious time apart from classroom teaching .We inspire and motivate them and try to solve their different problems .As different students belong to different socio-economic environment we also try to bind them in a single thread . Continuous process of carrier counseling, we provide to the students by interaction and newspaper specially the completion of their final exam, they come together in the department .We all teachers sit with them and guide them to choose the proper ways to follow in future. We also arrange seminars given by the Karyograph and provide the ex-students' suggestions of the college who are engaged at different places of the city.

Details of Faculty Development Programmes and teachers who benefited during the past years

NIL

Collaboration with other departments and institutions at the national and international levels and their outcome during the past 5 years

NIL

Details of ongoing projects, projects completed and publications during the last 5 years

NIL

Participation of Teachers in academic activities other than teaching and research

- Teachers of the department are actively involved among themselves to improve the departmental other activities as they guide students' cultural programme, fresher's welcome, farewell, Reunion and long excursions.
Such types of activities help to make a good and friendly relationship between students and teachers.

- Cultural programme

Reunion of fresh and pass out students, farewell of 3rd year students and a cultural programme is jointly organized by the students of the Botany department is a very special occasion in our department. The occasion unites the ex-students with existing students and the event is a grand success with a number of activities taking place.

Programme starts with introduction of the students and ends with the past experiences of the 3rd year students. In between dance, recitation, solo song, group song, drama are performed by the students.

At last 3rd year students express their views regarding their department, teachers, friends which encourage present students. Their feeling about the department and their friends create an emotional environment.

➤ Interaction

A session of interaction was arranged between the ex and existing students exchanging their views about the subject, further studies and job options.

- Educational tours to different botanical gardens and other places as per C. U. syllabus

Three excursions are arranged in every year in Botanical garden (Shibpur), Agrihorticulture Society of India (Alipur), local areas with good collection of weed, medicinal plant garden (Narendrapur)

- Economically backward but good students are helped by the department fund for excursion expenditure.

- Method of continuous student assessment

The following methods of continuous student assessment are undertaken – Assessment of the student through various tests, unit test, test exam & annual exam, group discussion, interaction in classroom and laboratories is done.

Special assessment is undertaken after question answer session in open house particularly for non-participative students

Placement Records of past students and the contribution of the Department to the students placement




Ex-students of the department are shining in modern job fields like medical transcription, medical representative job, call centers, BPO KPO jobs, schools, software programming etc.

NAME	YEAR OF PASSING	ADDRESS	CONTACT NO.	OCCUPATION
Subrata Maity	2007	150 B/2, Kali Charan Ghosh Road, Kol-50	9239117029	Medical Representative
Gourav Gangopadhya	2008	27-J, Gopi Mohan Dutta Lane, Kol-3	9831737310 9477095709	Medical Representative
Subhas Prasad	2009	Texmaco Estate, S.Q.26, P.O.- Belgharia, Kol-56	9804098674	C, C++ & course in SAP
Avijit Bose	2009	16/1, DumDum Motijhil Road, Kol-74	9432190945	Medical Representative
Rudrajit Roy	2009	Santinagar (Balaka), P.O.- Hridoypur, Kol-127	9231310925	Software programmer at MSR Sys, Saltlake

Significant achievements of the department faculty, students during the past five years

In 2009, one candidate scored 68.8% marks in B.Sc. and 92 in Botany out of 100.

Plan of action of the department for next five years

-  Introduction of computer for the teacher and students
-  To organize a science exhibition on environmental pollution
-  Inter college and Intra college quiz competition.

SWOT Analysis

STRENGTH



- Close relationship between teachers and students on academic and personal level is the main strength of our department. Our department is like a family where each member is free to interact with each other.
- Different co-curricular activities like freshers' welcome, Reunion with outgoing students, picnics, excursions and cultural programmes create a favourable fearless environment.
- All the above departmental activities help to improve students' responsibility and confidence.

WEAKNESS

In maintaining ideal teaching environment the department of Botany faces the following weakness

- ✓ In our department as only one fulltime lecturer is appointed, other two posts are for guest lecturers.
- ✓ Gradual decrease in students' attendance in the class is the matter of concern.
- ✓ Shortage of space is another weakness of our department.

OPPORTUNITIES

-  For the development of oratory skill of our students selected topics of the syllabus are provided to them beforehand and they deliver lectures on the topic on pre-fixed dates. It is observed that many of the students display exemplary oratory skill. This also has the impact of breaking the barrier of fear at the very formative stage of the life.
-  The department of Botany helps the student after completion of their undergraduate course by providing them necessary information regarding various job oriented courses of the country.

THREATS

- The department has facing a serious threat towards having required quality and number of students to pursue BOTANY general course.

The lack of sufficient employment in the country also discourages them to take bio-science as a carrier.

Department of Statistics

History of the Department

The department of Statistics in the Maharaja Manindra Chandra College was established in 1999 with the initiative of the then Principal Dr. Ashok Chowdhury and the Head of the Department of Economics Dr. S.K. Bagchi. Initially it was under the Department of Economics. In the formative years the faculties from the Department of Economics and the Department of Mathematics took the classes in Statistics (General). The services of Guest Lecturers were required for taking the practical classes. Prof. Tanusri Ray joined as a Guest Lecturer in the year 2001. Prof. Prashanta Debnath rendered his services from 2002 to 2004.

Faculty Profile

Name of the teacher	:	Tanusri Ray
Designation	:	Lecturer (Part time)
Academic qualification	:	M.Sc.
Research experience	:	Nil
Teaching experience	:-	

<u>Position Held</u>	<u>Institution</u>	<u>Period</u>
Part – time Lecturer July, 2009	Scottish Church College	1 st March 2000 till 31 st
„	Maharani Kasiswari College	12 th April, 2000 to 31 st July, 2003
Guest Lecturer	Maharaja Manindra Chandra College	1 st March, 2001 till date.
„	University of Calcutta, Department of Commerce	Session 2005 - 2006
Part – time Lecturer	Maharaja Manindra Chandra College	Till date

Dr. B. Roychowdhuri and Dr. A. Majumdar of Economics Department also teach in this department. The detail profile of Dr. B. Roychowdhuri and Dr. A. Majumdar has been given in the evaluative report of the Department of Economics.

Student Profile

Economics Hons. and Mathematics Hons. students take Statistics as general subject. Students also enroll for Three year general course. The students are mainly residents of North Calcutta and come from middle class families.

Changes made in the courses or programmes during the past two years

New syllabus was introduced in the year 2002. In paper I, Numerical Analysis was omitted. Some topics in probability distribution were added. In paper II, Non parametric methods were introduced.

Previously, B.Sc. general Statistics course was under (2+1) system. New System (1+1+1) has been introduced since. After the introduction of the new system (1+1+1), students find it a little difficult to cope up with the pressure due to the following reasons. Part I exam is held at the end of the first year. Paper I (Theoretical) is in the syllabus. Part II exam is held at the end of the second year. Paper II (Theoretical) & Paper III (Practical) each consisting of 100 marks is in the syllabus. Now paper III (Practical) syllabus is based on paper I and paper II. So, the lesion of part I exam are to be revised for paper III. (The students find it difficult to manage in a short period).

Trends in success rate and drop out rate of students during the past years

Years		Success rate (%)		Failure rate (%)	
From	To	(H)	(G)	(H)	(G)
2002	2005	N.A.	3(3) 100%	N.A.	NIL
2003	2006	N.A.	1(1) 100%	N.A.	NIL
2004	2007	N.A.	1(1) 100%	N.A.	NIL
2005	2008	N.A.	NIL	N.A.	NIL
2006	2009	N.A.	1(1) 100%	N.A.	NIL

Learning resources of Department

Only Central library is used for consulting books of statistics by the students. No departmental library. No laboratory. Statistical Abstract is needed for Official Statistics. Some table and journals are also required for practical classes, which becomes difficult to

conduct properly without a proper infrastructure. To overcome this difficulty, some classes are held in the central library and the books or tables are used there.

Modern Teaching methods

The faculty uses the information and communication Technology (ICT) for latest information on the subject and also to get an idea about recent developments in the teaching methods.

Participation of teachers in academic and personal counseling of students

Full participation is provided by the only teacher present at the moment. The teacher always encourages the students to discuss their problems.

Details of faculty development programmes and teachers who have been benefited during the past two years

Nil

Participation / contribution of teachers to the academic activities including teaching, consultancy and research

The faculty member takes a few teaching assignments in other institutions. She took classes in Operations Research in the Calcutta University for M. Com. students. She also takes classes of the Business Administration (Hons.) students in Scottish Church College. She also acts as a guest Lecturer in the Department of Statistics of Scottish Church College.

Collaboration with other departments / institutions at the state, national and international levels and their outcome during the past two years

Nil

Priority areas for research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Nil

Placement record of the past students and the contribution of the department to aid student placements

Nil

Plan of Action of the department for the next five years

- To start a Departmental Library
- To set up a Laboratory
- We have plans to extend the affiliation to statistics (Hons.) course in future.

SWOT Analysis

STRENGTH

It is an applied subject which finds its uses in everyday life. Familiarity with the main ideas in statistical methodology is an appropriate part of a general education. An introduction to statistical methods is useful to students who are preparing themselves for a career in Economics, Mathematics or Physics. It is also useful to persons working in any discipline where quantitative research is needed. Consequently, apart from its uses in any branch of science, the tools in Statistics are widely used in business, commerce, industry, behavioral sciences etc. The subject has much scope for getting jobs.

WEAKNESS

To learn the subject better, the students need to spend comparatively more time and they should have a minimum mathematical ability. Moreover, in the present system, students only concentrate on the Honours subjects. As a result, it becomes a little difficult to teach where the students forget to get any fun out of it.

OPPORTUNITIES

Since Statistics is a subject which finds place in many Masters courses in almost all universities and also in management courses, there are opportunities for students having Statistics as a subject.

THREATS

The lack of students in the department is the most serious threat to the department nowadays. However, it is a threat not exclusively posed against us; it is true for almost all the undergraduate colleges in West-Bengal. This problem however can be removed to some extent if the subject is introduced at an early stage in the school curriculum and thus making it more job-oriented.

DEPARTMENT OF ECONOMICS

History of the Department

The department of Economics started its journey in 1948 as the “Department of Economics and Department of Politics”. Later, however, the two departments were separated into two individual departments of the College.

The department can boast of some of the renowned Professors like Prof. Biswanath Mukherjee, Prof. Pijush Dasgupta and Prof. Sankarkanti Dasgupta. Mention may also be made of some faculty members who have left their indelible imprint, though some are no more with us (Professor Ranendranath Bhattacharya) while others have retired (Professor Soumyendra Kumar Bagchi, who later became Teacher –in-charge of the College). Some other teachers (Professor Dilip Ghosh, Professor Santi Kumar Chakraborty) left the department for better opportunities elsewhere. Prof. Dilip Ghosh later joined St. Xavier's College, Kolkata.

Prof. Santi Kumar Chakraborty, who was a lecturer of the department, joined B.E. College Shibpur and then Presidency College, Kolkata and afterwards became a lecturer in London School of Economics, U.K. In his eventful career he served various renowned institutions in India like ISI Kolkata, Chandannagar Government College and the Governments of Kenya and Botswana respectively. Dr. Shyamalendu Chatterjee, who was among the faculty has recently joined the Chittaranjan College, Kolkata as the Principal.

The department in the beginning, was a department of Political Economy in the real sense of the term as most of the faculty consisted of eminent teachers who belonged to the Classical School of thought. Later, with the introduction of mathematics as a compulsory subsidiary subject, there was in fact a switchover from the traditional Classical Economics to the Neo-Classical one. As a result, students of pure science had easy access to the department and it no longer remained a purely Humanities department.

The department since its inception has produced students who have excelled in their life and made important contributions to the society. Paramesh Acharya, joined as faculty at the Indian Institute of Management, Kolkata. Dulal Goswami, became the economist of Coal India. Samar Bose, another ex- student of the department, became the manager of State Bank of India. Mention may also be made of the present Teacher – in – Charge of the College, Dr. Amit Kumar Chatterjee, who happens to be an alumni of the department.

Thus the department in its long journey of sixty two years has served the society not only with teachers and administrators but also with journalists, players and personalities who have contributions in other spheres of life.

Faculty Profile-----Adequacy and Competency of faculty

No. of teaching, technical and administrative staff of the department

	Male	Female	Total
Total no. of teachers	2	2	4
Teachers with Ph.D. or equivalent as the highest qualification	2	1	3
Teachers with other specific eligible qualification(M Phil., NET, SLET)	1	1	2
Technical staff	Nil	Nil	Nil
Administrative staff	Nil	Nil	Nil

List of teachers with their age, designations, qualifications, areas of specialization, and years of experience.

Name of the teaching staff	Age	Designation	Academic Qualification	Areas of specialization	Teaching experience
Dr. Amit Kumar Chatterjee	59	Associate Professor and Teacher –in-Charge	M.A. Ph. D	International Trade	UG 36 yrs
Dr. Bibekananda Roychoudhury	58	Associate Professor (HOD)	M.A. M. Phil, Ph. D	Statistics & Econometrics	UG 35 yrs PG 5 yrs
Dr. Amita Mazumdar	50	Associate Professor	M.A. Ph. D	Statistics and Econometrics	UG 22 yrs
Smt. Sutapa De	41	Assistant Professor	M. Sc., B.Ed., NET, SLET	Agriculture, Urban Economics	UG 13 yrs

Student Profile -----entry level competencies, socio economic status, language, proficiency etc.

The department offers both honours as well as well as general courses to students at the undergraduate level. The faculties also hold classes of the Department of Commerce. The Department is affiliated to the University of Calcutta and the degree conferred after completion of graduation in honours stream is a B.Sc. degree as the honours students have to opt for Mathematics as a compulsory subsidiary subject. Both male as well as female students can study here. The students are mainly residents of north Calcutta and District of North 24 Pgs. Sometimes they also come from south Calcutta as well as from other parts of West Bengal.

The cut off marks at entry level is as per University norms. However, admission is on the basis of counseling of students. The department most of the time gets mediocre students. Most of them come from middle class families lacking communication skill both in fluency and expression. The medium of instruction in the honours class is mainly English, although sometimes the teachers teach in Bengali in order to make the students feel comfortable. In General classes however the teaching medium is Bengali but teachers teach in English also.

Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

In the year 2005, the three year degree examination was divided into three annual examinations and the syllabi was accordingly recast. In 2007, the first year honours students of this department appeared in papers I and II in the new modified (1+1+1) examination system. New syllabus for both honours and general was introduced in the year 2003-2004 and the faculty members actively participated in the symposium and workshop organized by the University for Syllabus Revision. Recently C.U. has revised the syllabus of economics for the session 2010-2011 onwards.

Trends in the success and drop-out rates of students during the past five years

Years		Success rate (%)		Failure rate (%)		Drop out (%)
From	To	(H)	(G)	(H)	(G)	(H)
2002	2005	4(6) 67%	24(27) 89%	2(6) 33%	3(27) 11%	52%
2003	2006	14(14) 100%	25(28) 89%	NIL	3(28) 11%	50%
2004	2007	4(5) 80%	20(22) 91%	1(5) 20%	2(22) 9%	52%
2005	2008	4(4) 100%	36(37) 97%	NIL	1(37) 3%	57%
2006	2009	1(2) 50%	34(38) 89%	1(2) 50%	4(38) 11%	58%

Learning resources of the departments-----library, computers, laboratories and other resources.

- Library -----a) **Central library of the College.** The students as well as teachers can take books and journals from the Central library.
b) **Departmental /Seminar library.** This library is operated by the teachers of the department and the students can take two books at a time.
- Centralized facility-----a) Overhead projectors in College which we share
b) Computers in the College which can be used as and when needed.
- Journals/Periodicals subscribed by the department :One (Economic and Political Weekly)
- Computers in the department : Nil

Modern teaching methods practiced and use of ICT in teaching-learning

Apart from traditional lecture methods, group discussion methods are also followed. Students'

Seminars are sometimes organized. Since our department in recent years suffers from lack of students, formal seminars and group discussions are hard to be arranged.

However, informal discussion sessions are held regularly wherein students and teachers can interact freely and exchange their views and opinions.

The department relies heavily on students' feedback for monitoring the students' academic progress. The teachers of the department often supply sample answers of the University questions to the students for development of ideas. Answer quality, size, writing discipline are all analyzed, discussed and taught. Educational tour is conducted almost every year for better understanding of the subject.

Participation of teachers in academic and personal counseling of students

In the beginning of each academic session, the department distributes the total classes allotted to it equally among the whole time teachers. On an average, number of classes per week per teacher is twenty .The faculty also takes classes of the Commerce department (at least six classes per week). Apart from regular classes, teachers also take remedial classes. After test examination also, remedial classes are taken.

The department regularly holds tutorial classes and conducts mid term exam. After the internal tests, the students are shown the evaluated answer scripts to rectify their faults. At the very outset, the department supplies the syllabus to be covered during the course and the name of the respective teacher who is entrusted to teach a specific portion. The entire syllabus is divided into three phases: pre- puja, post- puja and post Christmas. From time to time the students are asked to write answers to the model questions supplied by the University. The answers then are checked by the teachers at home and deficiencies

pointed out. Apart from the classrooms, the students are always allowed to show the teachers their problems that then help them to sort out their problems.

Parent – teachers meetings are conducted once in each session for the first year students to intimate their guardians about the performance, attendance of their wards. In that meeting, copies of answer scripts as well as their attendance in the class are shown. The department also seeks feedback from the students regarding the teachers' performance. For the 2nd and 3rd year students, guardians are asked to meet only if there is any specific reason. Personal counseling is also done by the teachers. The students can seek advice and counsel on issues ranging from plans of study, career plans, study habits and so forth to advice on personal problems. Even after passing out, some of the students who join the postgraduate courses often come with different problems and get clarified by the teachers. The teachers also help the students in preparing for various professional examinations by providing guidance and books from their personal collections, sometimes even by borrowing from the library.

Details of faculty development programmes and teachers who have been benefited during the past two years

- Smt. Sutapa De , assistant professor, attended one Refresher course in Women's studies (November 4,2009 to November 24, 2009) conducted by the Jadavpur University and another Refresher course in Environmental studies (February 8, 2010 to February 27, 2010) conducted by the Academic Staff College, University of Calcutta.
- The faculty members have attended State level, National level and International seminars at different places.

Participation/ Contribution of teachers to the academic Activities including teaching consultancy and research

- Dr. Amit Kr. Chatterjee visited Australia with a team of celebrity workers to present a paper on CRIME CORRUPTION AND ECONOMIC DEVELOPMENT in October 2009.
- Dr. Chatterjee presented a paper on EFFECT OF CRIME & CORRUPTION ON THE ECONOMIC GROWTH OF INDIA in a seminar organized by Maharaja Manindra Chandra College together with Techno India Group, Salt Lake in the Techno India Campus.
- Dr. Chatterjee presented a paper on GOOD GOVERNANCE AND SUSTAINABLE DEVELOPMENT in an International seminar organized by the Brainware Business School, Salt Lake on December, 2009.
- Dr Chatterjee has published three text books written for the undergraduate students of commerce of the University of Calcutta and the higher secondary students of economics-namely
 - a) "Babshaye Arthaniti o Babshaye Paribesh" by Shilalipi Publishers
 - b) "Bharatiyo Arthanitir Prakriti o Samashya" by Shilalipi Publishers
 - c) "Uchho Madyamik Arthavidya" by Ruby publishers

- Dr. Amit Kumar Chatterjee has been a member of Higher Secondary and West Bengal Higher Education Council.
- Dr. Bibekananda Roychoudhury presented a paper in the department on “GLOBAL MELTDOWN AND ITS POSSIBLE REMEDIES” on October 22, 2009.
- Dr. Bibekananda Roychoudhury is a member of the Board of Studies, C.U. He is the Coordinator of C.U. B.Sc. Part I (Hons.) examination. He has designed the newly introduced paper Applied Economics (Paper VII B) in the Economics Honours curriculum and also suggested to introduce project work in Paper VIII B. He teaches at the post-graduate level of the C.U commerce discipline.
- Dr. Roychoudhury was a resource person in the Refresher course for the commerce teachers of the College and University conducted by the Academic Staff College of the University of Calcutta, organized by the Department of Commerce, CU in 2007. The topic was “THE EMERGING ISSUES IN BUSINESS AND ECONOMY”
- In 2009, Dr. Bibekananda Roychoudhury was again invited by the Director, Academic Staff College of the University of Calcutta to give a lecture on “INDIA’S DEVELOPMENTAL EFFORTS DURING THE PLAN PERIOD- CONSTRAINTS AND PROSPECTS” in the Refresher course for the Commerce teachers of the college & university and organized by the Department of Commerce, C.U.
- Dr. Amita Mazumdar is a paper setter of C.U B.Sc. Part III examination. She is also an examiner of C.U. B.Sc. Part III (honours) and B. Com. Part II general examination.
- Prof Sutapa De is an examiner of C.U. B.A. (general) Part II examination.

All the teachers attended Orientation and Refresher courses in C.U., J.U. and Indian Statistical Institute at different points of time

Collaboration with other departments/ institutions at the state, national, and international levels and their outcomes during the past two years

Nil

Priority areas for research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Dr. Bibekananda Roy Chowdhury

Publications:

(i) “Foot Prints of Imperialistic Finance Capital in Foreign Direct Investment in India” presented in UGC sponsored National Seminar on “Capital Market: Opportunities and Challenges – with Special Emphasis on Small Investors” at the Dept. of Commerce, Budge Budge College, on 4th April, 2008 which was published in the Seminar Volume.

(ii) “The Triumph of Imperialistic Finance Capital and its effect on Indian Economic Development”; Published in Uttaran, 5th Volume, 2008.

Placement record of the past students and the contribution of the department to aid student placements

Most of the students who have successfully crossed the UG level have got admitted to PG course and quite a considerable percentage out of them passed M.A / M Sc in Economics with a 1st class. As per the records available, most of our students are well placed in their life and are engaged in different occupations, e.g. teaching at schools and colleges, in banking services, in investment companies, in media, as sales executives in different companies and in administrative services. Some of them have established themselves as computer professionals.

The teachers of the department always help the students with valuable guidance in every sphere of their life be it personal or related to their career. The students (both past as well as present) feel very comfortable whenever they come to the faculty for seeking advice in matters relating to their career/ placement etc. The teachers extend their assistance to the students not only by giving them advice but very often physically by giving them books from their personal collections, sometimes even by borrowing from the library.

In reputed education institutions today are Arpita Sengupta (teacher, La Martinere for Girls’), Balaka Chakraborty (George College under West Bengal Technical University, Kolkata). After completing Undergraduate studies in this department, a sizeable number of students continued their post graduation in ISI / JNU/ CU/ RBU. Prabal Pratap Ghosh completed his Ph.D. from ISI Bangalore. Some of our students are presently holding administrative posts of different Companies/ Investment Companies. Santanu Sen (Birla Sunlife), Nesar Mohd. (Srei International), Sourish Chatterjee (Xerox India), Taporup Nag (Max Life Insurance) are some of them. Saheli Chakraborty is in charge of the Accounts section of Sri Arabinda Seva Kendra, Kolkata (EEDF). Arpita Chakraborty has joined Kolkata police. Sourav Banerjee is presently working in CPWD, Kolkata.

Swarnali Kundu has joined the media and is working as a reporter/ newscaster in one of the popular television channels. Souravi Banerjee has adopted the career of a chess player and represents the State at the National level. Hence students of this department are competent enough in academic as well as extra-curricular levels.

Plan of action of the department for the next five years

- To publish a departmental newsletter
- To introduce project works for the three successive years (1st, 2nd and 3rd) with a view to generate interest for the subject and for creating general awareness among the students.
- To prepare the students for group discussion

SWOT ANALYSIS

STRENGTH

The following are the areas of strength that could be highlighted.

- Since its inception, the department acts like a close-knit-family. Not only the faculty members but the student- teacher relationship here is worth mentioning, more so because of the limited number of students in the department. The students can interact with the faculty during college hours, after class and even at home on holidays. Not only the present students but also the ex-students have the feeling of home coming when they visit the department after completion of their studies.
- Over the years students of our department are doing well in the University exams. Balaka Chakraborty scored 1st class in the M. Sc. exam of the C.U and scored 75% of marks in her M.Phil. studies under C.U. (year to be mentioned). Many students who are pass outs of this department go for Post graduate studies and then take up research works at different Universities. Other students have also proved themselves quite successful in their career.
- The department can boast of its sincere, capable and dedicated teachers who happen to be constant inspiration for the students of the department.
- In addition to the Central library, the department runs a well equipped seminar library with a collection of books on different aspects of Economics to which the students have easy access.
- A complete understanding of Economics requires knowledge of Mathematics, Computer science, and Statistics. The departments of Mathematics, Computer Science and Statistics of the College are highly capable of meeting the needs of our students.

WEAKNESS

The problems which destroy the ideal teaching environment of the department are as under.

- The department suffers awfully from paucity of students (especially in recent years). The reasons are obvious. Most of the students come from middle class families who cannot look beyond the scope for teaching assignments at schools. The probability of getting absorbed in schools is very low since Economics is not included in the Secondary level syllabus and hence job opportunities are very limited at the schools. Apart from this, nowadays, compared to earlier, quite a considerable number of students are qualifying for the Engineering entrance exams (due to the advent of private engineering colleges) who could have opt for the subject.
- The department does not get good quality students at the entry level. Brighter students of the science stream primarily opt for more alluring, glamorous and job-oriented subjects such as Physics, Chemistry, Mathematics, Statistics, and Bio-Science etc. and hence, the students that the department gets are the mediocre ones. Moreover, people generally suffer from misconceptions like, Economics is a very tough subject, and job-

opportunities are very limited and so on. Due to these misconceptions, it becomes really difficult to motivate people to opt for this subject.

- Not only at the honours level, there is dearth of students at the pass level also. The students generally do not take Economics as a pass subject because they also suffer from the misconception that Economics is a very tough subject and demands a lot of reading. Moreover, they also are concerned about the job opportunities. As such the department has been running out of students at the pass level also. The situation has been aggravated with the introduction of statistics in the pass syllabus.
- A tendency to miss classes has developed among the students very recently. Irregular attendance leads to difficulties in continuity of lessons. This irregular attendance very often results from a number of private coaching centers that have cropped up recently in almost every locality. The teachers teaching there mostly select the time which is convenient for both the parties and from that point of view, they often select the college hours as the most convenient time.
- Modern teaching methods cannot be applied since the department doesn't have a personal Computer having net surfing facilities at its disposal. In a subject like Economics it is an utmost necessity because internet surfing is often required to give the students a view on the recent changes in various issues.
- The department sincerely recognizes the importance of seminars, workshops and extension lectures by eminent scholars in this field, in the process of enrichment of its students, apart from classroom teaching. But the limited number of students in the department makes it difficult to arrange any such programs.
- Space is a major problem faced by the department since the last several years. The department is entitled to use a small room in the annexure building for holding its honours classes, any modification of which requires prior permission from the co-ordination committee comprising members of the three colleges. Moreover, due to lack of rooms in the college, during university exams, a good number of classes are lost.

OPPORTUNITIES

Existence of weaknesses indicates potentials for strengthening the department in the near future. The following are some to be availed off during the department's journey to success.

- Teachers of the department often informally help the ex-students in preparing their M. Sc /M. Phil project papers. This is to be extended to formal guiding of Ph. D students.
- Since there is a good scope for Economics concentrators in civil services, it will be helpful for the students if informal but regular coaching classes can be arranged by the teachers of the department for these competitive examinations.
- In future if Economics is included in the school level curriculum, the opportunity for those trying for a school teaching service (through SSC) will be increased.

- With globalization, and financial liberalization, interest for economic matters has increased tremendously among the common people. This leads to opening of new horizons for the fresh economists of the country.

THREATS

The lack of students in the department is the most serious threat to the department nowadays. However, it is a threat not exclusively posed against us; it is true for almost all the undergraduate colleges in West-Bengal. This problem however can be removed to some extent if the subject is introduced at an early stage in the school curriculum and thus making it more job-oriented.

DEPARTMENT OF COMMERCE

History of the Department

The department of commerce of Maharaja Manindra Chandra College was established in the year 1985. Prior to this period only general course was taught in this department. Now it has become a reputed department of the college and the demand for admission in the department is increasing day by day.

The college is now offering the B.C.A (Major) course for commerce students. The demand for admission in this course is also increasing.

The department has four efficient and devoted full times lecturers and three part-time lecturers, who always try their best for the betterment of the department.

Our students have been doing remarkably well at the University examination during the past several years. After passing from the college many students get chance for studying M.Com, ICWA, FCA, MBA and many other professional courses.

Though it is not possible to give the names of established students, many of our students are now in responsible posts in many companies and many of them are engaged in their own business.

Faculty Profile (adequacy and competency of the faculty)

Permanent Faculty:-

A. Smt. Krishna Mukherjee: M.Com. M.Phil.

Special paper in M.Com – Accounting

Teaching experience - 24 years

Present teaching assignment – Financial Accounting, Entrepreneurship Development & Business Communication, Cost Accountancy, Monetary financial system, Corporate Accounting, Auditing.

Number of seminar attended – 20

Number of Publications - 2

B. Sri Debabrata Mukherjee, M.Com. M. Phil (HOD)

Special paper in M.Com- Accounting

Teaching experience – 12 years

Present teaching assignment- Financial Accounting, Taxation, Cost Accounting, Corporate Accounting, Financial Management, Financial Statement analysis.

Number of seminar attended – 1

Number of Publications - 1

C. Sri Sanjib Kumar Pakira- M.Com. M.Phil

Special paper in M.Com- Finance

Teaching experience- 3 years

Present teaching assignment- Financial Accounting, Entrepreneurship Development & Business Communication, Taxation, Cost Accounting, Indian Financial system, Financial Management, Financial statement Analysis.

Number of publication- 1; Topic: Creative Accounting, the rosier picture of financial statement

Number of seminars attended - 15

D. Sri Soumya Mukherjee- M.Com. M.Phil

Teaching experience- 3 years

Present teaching assignment- Financial Accounting, Cost & Management Accounting Taxation, Corporate Accounting, Financial Management, Financial Statement Analysis.

No. of seminar attended- 5

No. of publication- 1; Topic: Operational Risk, An important issue in modern banking

Presentation of paper:-

Fair Value Accounting- At a national seminar held at Raja Peary Mohan College

Impairment of assets- At a national seminar held at Netaji Nagar Day College on 28th February, 2008

College Appointed Part-time Lecturers:-

Sri Hiranmay Banerjee M.Com

Sri Partha Mitra M.Com

Guest-Lecturers:-

Sri Sujit Bose M.Com

Student's profile

B.Com Honours & General course, B.C.A (Major)

The college is a co-educational college.

Changes made in course of programme during past five years

New syllabus for both honours and general was introduced in the year (2003-04).

Trend of success rate during past five years

Years		Success Rate (%)			Failure Rate (%)			Drop Out (%)		
From	To	(H)	(M)	(G)	(H)	(M)	(G)	(H)	(M)	(G)
2002	2005	158(162) 98%	Data not Available	109(110) 99%	4(162) 2%	Data not Available	1(110) 1%	10%	Data not Available	11%
2003	2006	150(151) 99%	12(12) 100%	77(77) 100%	1(151) 1%	NIL	NIL	7%	Data not Available	6%
2004	2007	162(163) 99%	21(21) 100%	140(145) 97%	1(163) 1%	NIL	5(145) 3%	10%	Data not Available	5%
2005	2008	125(125) 100%	19(19) 100%	115(128) 90%	NIL	NIL	13(128) 10%	8%	NIL	NIL
2006	2009	179(179) 100%	22(22) 100%	145(145) 100%	NIL	NIL	NIL	15%	40%	21%

Learning resources of the Department like library, computers, Laboratories and others:

- 1) Library- a) central, b) departmental
- 2) Centralized facility a) OHP
- 3) Computer- The departmental has a computer laboratory of its own consisting of 7 computers

Other such resources-

Books of foreign writers and newly introduced books of native languages.

Enhancement of learning resources during the past five years:

- Departmental library
- Computer Laboratory of the department
- Departmental seminar on subject based
- Extended lecture by expert teacher
- Wall Magazine

Modern teaching method in practice other than the lecture method

Apart from 'chalk and talk' traditional method, discussion method, quiz is applied. Answer quality, size, neatness, writing skill, time and space management, all are analyzed, discussed and taught.

Participation of teachers in academic and personal counseling students

The department conducts tutorials and mid-term examination on regular basis. Departmental seminar, parent-teachers meeting, pre-admission counseling, pre-examination counseling and post examination counseling are conducted. After all internal test, a student is shown evaluated script and mark sheet is also given to him to check and rectify his draw backs. Remedial classes are also taken after the test examination.

Participation of teachers in academic activities other than teaching and research:

- Moderator of C.U. B.Com, part-I, part-II and part-III examination.
- Examiner of C.U. B.Com, Part-I, part-II, and part-III examination.
- Scrutinizes of B.Com part- I, and part- II and part- III examination.
- Paper setter of professional examination
- Attendance of refresher course in Calcutta University

Method of continuous student assessment:

The following methods of student assessment are introduced viz.

- Periodic tutorial class examination and correctional action
- Periodic class test have conducted and discussed
- Students seminar are conducted at regular interval

Placement records of the past students:

Though the actual data are not available many of our students are well placed.

Significant achievement of the students during the past few years:

69 students got above 60 % marks in their part-II examination in current year.

Plan action of the department for the next five years

1. To publish a departmental magazine
2. To hold a national seminar and international seminar at regular intervals

SWOT ANALYSIS

STRENGTH

- A good number of brilliant students
- Highly qualified and devoted faculty members
- Good relation between the teachers and students
- College library which has a sufficient number of text and reference book on commerce
- Three spacious rooms for conducting the classes of 1st year, 2nd year and 3rd year
- Separate computer laboratory where there is seven computers

- A seminar library where the specimen copies of the books are kept for lending to the students

WEAKNESS

- Gradual decrease in student's attendance in class is a matter of concern. Even the honours classes do not have full attendance often times.
- Some classes are lost due to strikes and students' agitation

OPPORTUNITIES

- The present age is largely computer-dependent. We have a subject named **Information Technology and Its application in business** in our syllabus and we have a separate computer room for the practical classes of the said subject.
- For the development of oratory skill of our students, selected topics are provided to them beforehand and they deliver lectures on the topics on the pre-fixed date. It is observed that, many of the students display exemplary oratory skill. This also has the impact of breaking the barriers of fear at the very formative stage of their life
- The Department arranges lectures by eminent personalities of commerce whenever it is possible
- The college has several certificate courses such as computerized financial accounting, video editing, travel and tourism, communicative English etc. where our students can join for their career development.
- The Department has a space for wall magazine where the students contribute articles on various commerce related topics. They can also show their creative writing skills in other areas also.
- There is an employment cell in our college where the students can enroll their names for campus interview.

THREATS

In our state there is no compulsory commerce subject in secondary level. So the qualified students of commerce get less opportunity in having their jobs in school as teaching faculty.

D. Declaration by the Head of the Institution

I certify that 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: