

# BETHUNE COLLEGE KOLKATA



FOURTH ANNUAL QUALITY ASSURANCE REPORT  
2009-10

SUBMITTED TO  
**NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL**  
**BENGALURU**

## **FOURTH ANNUAL QUALITY ASSURANCE REPORT-(2009-2010)**

### **INTRODUCTION:**

**The Internal Quality Assurance Cell** of Bethune College was formalized in November, 2006 and met for the first time on the 29<sup>th</sup> of the same month. Important issues relating to Quality sustenance/enhancement of the Institute were discussed at several meetings held during 2007 and 2008,2009 and 2010.

**PART A: The plan of action chalked out by the IQAC in the beginning of the year toward quality enhancement and the outcome achieved by the end of the year.**

### **Short term Plans:**

#### **1. Women's Studies Centre, Bethune College starts its journey:**

The College authorities sent a proposal for Women's Studies Centre to the UGC vide Letter No. F7/1 – 2007 (WS) dated 5<sup>th</sup> September 2008. This proposal has been approved by UGC by letter No. F7-38/2009 (WS) dated 13<sup>th</sup> July, 2009 during the XI<sup>th</sup> plan.. The acceptance letter no. 583/UGC(WS) dated 1<sup>st</sup> August 2009 has been sent to the UGC in response to which the UGC released Grants - in - Aid amounting to Rs. 3,00,000/- per annum for 2009 – 10, 2010 – 11 and 2011 – 12.

Thus Women's Studies Centre, Bethune College was formed as one among the three Colleges in the Eastern Region.

The **inaugural programme** of the Centre was held on 29<sup>th</sup> January, 2010, in the presence of distinguished and eminent academicians like Prof. Bharati Ray, Prof. Jasodhra Bagchi, Prof. Sanjukta Dasgupta, Prof. Isita Mukhopadhyay, Dr. Manju Halder, Prof. Pushpa Mishra and Prof. Sanjoy Mukhopadhyay.

The Centre has organized several seminars and screened films on Gender related issues .

**Five short-term projects** were undertaken and successfully completed by the Faculty members of Bethune College. Details of the same has been enlisted under item 9 of this report. A Brief outline of the projects were discussed in a seminar organized by the centre on the occasion of **International Women's Day on 8<sup>th</sup> March, 2010.**

## **2.Improvement in the Admission process:**

- One of the significant changes that were introduced in the admission process was that students were allowed to **migrate to the subject of first preference** in case of vacancy in that subject, in strict compliance with the Merit List.
- On-line admission process was continued using both the College as well as the admission sites.
- Application fees were collected in the College Office.
- Admission criteria and related parameters were closely monitored to fill up the maximum number of seats.
- There was a strong drive to fill up the reserved category seats.
- For the PG Admissions, aspiring candidates could download forms from the College website and Merit lists were published in the website as well.

## **3. Academic developments:**

- **Two new Jyotsnamayee De Professors were appointed through the Professorship Funds.**
- **A special paper on Ecology was introduced for Zoology (P.G.) from the academic session 2009-10 as proposed at the beginning of the year.**
- The restructured routine with more comfortable and effective lecture periods was continued.
- Compulsory library period was continued in the present routine.
- To reduce the drop out rate special bridge courses were continued to acquaint the students with degree level study.
- Special parent –teacher meetings were arranged just after the first monthly test of the first year students to appraise the parents about the students' performance.
- The Government initiative to fill up the vacant posts is noteworthy.
- Bethune College continued organizing invited talks, seminars, workshops on a regular basis for the benefit of the students and faculty.
- Tutorial classes were held regularly in the Humanities Departments.

## **4. Student facilities:**

- Opening of a Finishing School for the students was initiated. However due to the global recession and comparatively poor scope for employment not much enthusiasm was received from the students. The students preferred to enhance their academic pursuit further.
- The rules and regulations for conducting the Student union elections were formalized.

**Long term Plans:**

**Infrastructure development:**

**i. Development of a Girls' hostel.**

**The plan made by the Chief architect and approved by the Municipal Authorities together with the estimate prepared by P.W.D. (Civil) towards construction of a Women's hostel at the allotted site at Salt Lake was forwarded to the Higher Education Department, Govt. of West Bengal for further action.**

**ii. Renovation of the Staff Quarters which can additionally facilitate the construction of a new wing of classrooms to cater to the Post-graduate Departments that are facing acute space crunch, is nearing completion.**

**iii. The process of starting the construction of the Auditorium building was initiated as the Governing Body has approved the proposal of the Officer-in-Charge.**

**iv. Development of the Satellite campus**

About 37.8 kattahs of land has been allotted by the Govt. of West Bengal at SCF/1 of Sukantanagar in Sector IV in Salt Lake Township for setting up of a second campus of Bethune College. An amount of Rs.11,34,000 has been deposited as salami at the Bidhannagar Treasury for the above stated plot. The College is awaiting orders from the Urban Development Department, Govt. of West Bengal for execution of the Lease Deed and registration of the plot.

**PART-B****1. Activities reflecting goals and objectives –**

The **Mission** of the College has always been the *development of a complete woman*. Great emphasis is laid on the historical and cultural heritage of India, nurturing such values in education that can inculcate a sense of patriotism among the students and bring them up as conscious and self-reliant citizens of the country. Students are provided the opportunities required to identify and develop their inherent qualities to help them flourish as complete human beings and take on the role of responsible and sensitive global citizens.

The motto of the College, "**Viddaya Vindatey Amritam**", which means **knowledge provides immortal bliss**, epitomizes the College mission and the spirit of true learning. By the end of three years spent in the College, students are equipped with inner strength and confidence to face the society in general and the world of higher learning in particular, enabling them to become a **complete woman**.

**The Goal of the College:**

- To make higher education of women an effective tool for emancipation of women and help them participate in the socio-economic transformation of the nation.
- To continue to produce responsible individuals who can have a constructive role to play in overall societal development.

**The following diversified achievements and activities during 2009-2010 reflect the adherence to the stated missions and goals.**

Bethune College has maintained a consistent record of academic achievements. This statement can be substantiated with reference the number of First Classes obtained in the B.A, B.Sc. & M.Sc. examinations in 2008-09.

<b>No.of students who appeared in</b>	<b>No.of first classes</b>	<b>% of first classes</b>	<b>Details of rankers</b>
B.A. (Hons) Part III (1+1+1 system): 142	22	15	Philosophy 2 <sup>nd</sup> ,4 <sup>th</sup> ,10 <sup>th</sup> ,English 10 <sup>th</sup> Pol. Sc 2 <sup>nd</sup> ,5 <sup>th</sup> ,10 <sup>th</sup> , Sanskrit 3 <sup>rd</sup> .
B. Sc. (Hons) Part III (1+1+1 system): 152	82	54	Computer Sc <b>1<sup>st</sup></b> ,7 <sup>th</sup> & 8 <sup>th</sup> Physics 4 <sup>th</sup> , Psychology <b>1<sup>st</sup></b> ,2 <sup>nd</sup> ,3 <sup>rd</sup> ,4 <sup>th</sup> 5 <sup>th</sup> , 6 <sup>th</sup> ,7 <sup>th</sup> & 9 <sup>th</sup> , Maths 6 <sup>th</sup> .
M.Sc (Botany) Part II: 18	14	78	
M.Sc (Zoology) Part II: 20	20	100	
M.Sc (Mathematics) Part II: 12	8	67	
M.A. (English) Part II: 15	-	-	

Academic excellence notwithstanding, the students actively participated in the following multifarious activities as part of NSS programme. The various activities undertaken by the NSS Team of Bethune College have been enlisted under item **18** of this report.

The Students also had commendable achievements in debates, Quiz, Recitation and music competitions both inside and outside the College, details of which are enlisted under item **35**.

A unique feature of our College is the inculcation of **values in education** through a certificate course. The period under review saw no exception in this respect. A series of 5 lectures were organized, details of which are enlisted in item **4**.

**Placement and Career counseling** – Our students are supported by an active Career Counseling Committee, which coordinates the placement drives in the College and acts as a liaison between the College and industrial houses. The details of the activities of this Committee are enlisted under item **37**.

## **2. New academic programmes initiated (UG and PG)**

- The **Department of English** (UG & PG) proposed a Communicative English course for the first year students from the next academic year.
- The **Department of Philosophy** proposed yearly publication of a journal from the Department where articles from renowned university/college teachers who would deliver lectures in the department will be published. The students of the Department will also be given chance to publish standard articles.
- The **Department of Sanskrit** proposed a course of spoken Sanskrit conducted by Sanskrita Bharati, Kolkata.
- The **Department of Hindi** Proposed introduction of Honours course in the next academic year.
- **Women's Studies Centre, Bethune College** proposed the introduction of Women's Studies as a General subject from the next academic session.

## **3. Innovations in curricular design and transaction:**

- ❖ **Department of Zoology (P.G.):** Proposed a modified syllabus for PG courses.
- ❖ **Department of Botany (P.G):** Proposed the introduction of new PG syllabus with one additional special paper on "Molecular Biology and Plant Biotechnology".
- ❖ **Department of History:** Proposed introduction of term paper to be written by students.

#### 4. Inter -disciplinary programmes started:

❖ The Departments of **Philosophy, Political Science, and History** have organized 5 Lectures on Ethics and Value education for the session 2009-10 as continuation of the existing programme. The First Year students of all the departments attend these lectures. Details of the programme are as follows:

#### Lectures delivered for the session 2009-10

Lecture	Date	Name of Speaker	Title of the theme
Lecture-I	25.08.09	Prof. Tandra Gangopadhyay Assistant Professor, Department of Philosophy, Bethune College.	A brief sketch out of Normative and Practical ethics.
Lecture-II	14.09.09	Dr. Minakshi Sinha Reader, Hiralal Majumder Memorial College for Women.	Rabindranath o Naribhabana: Ekale Prasangikata.
Lecture- III	18.11.09	Prof. Paramita Chakraborty Joint Director, School of Women's Studies, Jadavpur University.	Work place of women and sexual harassment.
Lecture- IV	09.12.09	Prof. Manas Ghosh Lecturer, Film Studies, Jadavpur University.	Production of values- A Gender Perspective: Did Prospero meet Robinson Crusoe?
Lecture-V	16.12.09	Dr. Rajasree Basu Director, Women's Studies Centre, Rabindrabharati University.	Values, Universal Values and Gender discrimination.

- **Women's Studies centre has been inaugurated in Bethune College in 2009-2010 and the Departments of English, Bengali, History, Political Science, Economics and Psychology have conducted Research projects on Gender related issues.**

5. **Examination reforms implemented:**

- a. The **Department of Botany** implemented joint evaluation of PG answer scripts.
- b. The **Department of Bengali** proposed viva- voce for Honours course.

6. **Candidates qualified : NET/ SLET/GATE etc.**

<b>Name of the Student And department</b>	<b>Year of Graduation</b>	<b>Year of qualifying in NET/SLET</b>
1. Sudeshna Ganguly (Physics)	2007	2009 (NET)
2. Eeshita Manna (Physics)	2007	2009 (NET)
3. Ajanta Bahr (Physics)	2008	2010 (NET)
4. Taniya Saha (Zoology)	2007(UG), 2009 (PG)	2009 (NET)
5. Jayita Saha (Botany)	2007	2010 (NET)
6. Saswati Saha (Botany)	2008 (PG)	GATE (2009)
7. Munmun Jele (Botany)	2006 (UG) & 2008 (PG)	GATE (2009)
8. Priyanka Paul (Botany)	2008 (PG)	GATE (2009)
9. Soumita Mukherjee (Chemistry)	2008	NET (2009)
10. Priyanka Basak (Chemistry)	2009	2010 (JAM), Mumbai IIT
11. Gargi Pal (Chemistry)	2007	2009 (NET)
12. Banabithi Koley (Chemistry)	2007	2009 (NET)
13. Ria Bose (Chemistry)	2007	2009 (NET)
14. Amrita Bhattacharya (English)	2007	2009 (NET)
15. Jashodhara Das (Economics)	2008	2010 (NET)



## 7. Initiative towards faculty development programme

Two teachers of Department of Political Science attended Refresher Course on Global Changes and Contemporary India at Jadavpur University in January 2010.

Teachers of the Department of History participated in the Workshop on Syllabus Reforms held in Scottish Church College in March 2010.

One teacher of the Department of Sanskrit participated in Orientation Programme in July 2009.

Two teachers of the Department of Mathematics participated in Orientation Programme at Jadavpur University and Calcutta University in September, 2009 and November, 2009, respectively.

Department of Psychology organized a workshop on syllabus.

Sm. Mahua Chatterjee in the Department of Psychology and Sm. Tanaya De in the Department of Zoology have been awarded Ph.D. Degrees in the current academic year.

## 8. Total number of Seminars and Workshops conducted:

### Seminars and Workshops conducted between July 2009 and June 2010

Serial No.	Name of the Department	Title of the Seminar /Workshop	Name of the Resource person/persons	Date
1.	Botany	Conventional Cytogenetics, FISH and Array CGH	<ul style="list-style-type: none"> <li>Prof. P. Nagesh Rao, Clinical Professor and Co- Director of Clinical Microarray Core lab &amp; Consultant Cytogeneticist, University of California, Los Angeles, USA</li> </ul>	13.07.09
2.	English	Multiculturalism	<ul style="list-style-type: none"> <li>Prof. Krishna Sen, Department of English, Calcutta University</li> </ul>	09.08.09
3.	Political Science	8 <sup>th</sup> Papiya Dutta Roy Memorial Lecture – Globalisation, Expanding State and Contracting Nations	<ul style="list-style-type: none"> <li>Dr. Kushanana Choudhury, Research Fellow, CSCS</li> </ul>	11.08.09

4.	English	Censorship and Literature	Dr. Peter McDonald, Department of, Oxford University	08.09.09
5.	Physics	Chameli Basu Memorial Lecture - Materials: Nano- Soft and their relations	• Prof. Alok moy Dutta, Professor, Surface physics Division, Saha Institute of Nuclear Physics	08.09.09
6.	Botany	Endosymbiotic origin of Eukaryotic Cell	• Dr. Tathagata Roy Choudhury, Reader and Head, Department of Botany, Asutosh College, Kolkata	09.09.09
7.	Botany	Non Living to Living, from Physics to Biology	• Dr. Pratip Palit, Principal Scientist and head, Plant Physiology Division, Centre research Institute of Jute & Allied Fibres, Barrackpore	06.11.09
8.	Psychology	UGC Sponsored Seminar on Disability : A Battle with Reality	• Smt. Uma Mukherjee, IAS, Commissioner of Disability, Govt. of W.B.; • Prof. Mallika Banerjee, Professor, Department of Psychology, C.U., • Mr. Sailen Chowdhury, Joint Secretary, Paschimbanga Rajya Pratibandhi Sammilani; • Dr. Jai Ranjan Ram, Consultant Psychiatrist, Apollo Gleneagles Hospital, Kolkata; • Dr. Urmila Ukil, Secretary, PRADIP, Centre for Autism; • Smt. Leena Bardhan, Secretary, Mission of South Calcutta; • Mr. Anindya Sengupta, Lecturer, Department of Film Studies, Jadavpur University	11.11.09

9.	English	Literature and Partition	<ul style="list-style-type: none"> <li>Dr. Vishnupriya Sengupta, Research Associate, Department of English, Jadavpur University</li> </ul>	02.12.09
10.	Political Science	8 <sup>th</sup> Srabanti Banerjee Memorial Lecture – Democracy and the Problem of the Cultural Empowerment of the Masses	<ul style="list-style-type: none"> <li>Prof. Sobhanlal Dutta Gupta, Ex Professor, Department of Political Science, Calcutta University</li> </ul>	14.12.09
11.	Bengali	<i>Rabindranather Swastha Chinta</i>	<ul style="list-style-type: none"> <li>Dr. Ajit Mondal, (Ophthalmologist)</li> </ul>	December 2009
12.	Physics	The Forbidden Symmetry	<ul style="list-style-type: none"> <li>Dr. Arunava Chakraborty, Professor, Department of Physics, University of Kalyani</li> </ul>	12.01.10
13.	Centre for Women's Studies, Bethune College	Arranging Marriages	<ul style="list-style-type: none"> <li>Sreashi Sarkar, Research Scholar, Maryland University, USA</li> </ul>	13.01.10
14.	History	Geographies of Trauma: From a Gendered Perspective	<ul style="list-style-type: none"> <li>Dr. Vishnupriya Sengupta, Research Associate, Department of English, Jadavpur University</li> </ul>	19.01.10
15.	English	How Queer is the Film: Alternative Sexuality in Hindi Commercial Cinema	<ul style="list-style-type: none"> <li>Smt. Asmita Das, Research Student, The English and Foreign Languages University, Hyderabad</li> </ul>	19.01.10
16.	Zoology	Chemical Communication – An Approach to Communication Technology in the Animal World	<ul style="list-style-type: none"> <li>Dr. Mousumi Poddar – Sarkar, Associate Professor, Department of Botany, University of Calcutta</li> </ul>	10.02.10
17.	Mathematics	Continuum Mechanics (for P.G. students)	<ul style="list-style-type: none"> <li>Prof. M. Kanoria, Department of Applied Mathematics, Calcutta University</li> </ul>	03.04.10
18.	English	Literature and Partition (Extension Lecture)	<ul style="list-style-type: none"> <li>Prof. Jasodhara Bagchi, Centre for Women's Studies, Jadavpur University</li> </ul>	09.04.10

## 9. Details of Research Projects

### A) Newly Implemented - 8

Sponsors	Name of the researcher	Title of the Project	Amount of grant allocated	Memo No and Date of sanction
CSIR	Rituparna Kundu Chaudhuri (Co-Principal Investigator) in collaboration with Prof. Timir Jha of Presidency University.	GermPlasm Preservation and Clonal Propagation of medicinally important <i>Swertia chirata</i>	Rs. 1800000/-	38(1211)/09/EM R-II from 2009 – 2012
WBBB, Govt. of W.B.	<ul style="list-style-type: none"> <li>• Sumona Mukherjee (Principal investigator)</li> <li>• Kamala Gupta (Co-Principal Investigator)</li> <li>• Roli Shukla (Co – Investigator)</li> <li>• Sutopa Mukherjee (Co – Investigator)</li> </ul> Research Fellows: <ul style="list-style-type: none"> <li>• Ronita Mukherjee &amp;</li> <li>• Munmun Jele</li> </ul>	Conservation and Documentation of wild biodiversity in Bethune College campus and surroundings	Rs. 883000/-	506/3K(Bio)-4/1009 dated:09.12.09 from 2009 - 2012
UGC	Smt. Maitri Ghosh	Impact of FDI in Post Reforms India: An analysis of Export Performance and Export Spillovers	Rs. 82000-	F. PHW-045/10 (ERO), dt. 07.09.09
UGC: Minor Research Project	Smt. Jayati Ghatak	Paik Revolt of 18 <sup>th</sup> Century	Rs. 82000/-	F. PHW-046/09-10 (ERO), Sept. 2009.

UGC: Minor Research Project	Dr. Roli Sukla Ray (Principal Investigator)	Study of behaviour and Ecology of Frugivorous bats in urban ecosystem – (Duration – 18 months)	Rs. 145300/-	UGC (Minor) (F.PSW-055/-9- 10(ERO) dt.08.10.09)
UGC: Minor Research Project	Ms. Sutapa Sanyal	Health Hazards Assessment from Antibiotic Resistance Bacteria associated with Waste Fed Freshwater fishery. (Duration – 18 months)	Rs. 115000/-	UGC (Minor) (F.PSW-054/-9- 10(ERO) dt.08.10.09)
UGC: Minor Research Project	Ms. Parama Raha	Study of semiochemicals of North Bengal Elephants (Duration – 18 months)	Rs. 155500/-	UGC (Minor) (F.PSW-053/-9- 10(ERO) dt.08.10.09)
UGC	Dr. Durga Ghoshal	Designing Life and Crisis of Values in the writings of Wells, Orwell, Golding and Skinner	Rs. 70500/-	F. PHW- 044/09-10 (ERO) dt. 07.09.10.

### B) Research Projects Completed– 8

Sponsors	Name of the researcher	Title of the Project	Amount of grant allocated	Memo No and Date of sanction
Short Term Minor Research Project – Women's Studies Centre, Bethune College	Ms. Nilanjana Bagchi & Dr. Syamali Sen	A study to evaluate the trend of empowerment of rural and urban poor women with respect to self esteem, achievement motivation, entrepreneurship, social support, leadership effectiveness and decision making.	Rs. 20300/-	265,WSC 5.3.10
Women's Studies Research Centre, C.U.	Smt. Nilanjana Bagchi & Dr. Syamali Sen	An Exploration to Evaluate the effect of training programme on the empowerment of the women residing	Rs. 5500/- for Phase I (3 months)	WSRC/OFF/1042A/2009 Date 14.01.09

		in some rural slums areas of West Bengal with reference to certain psychosocial variables		
Short Term Minor Research Project – Women’s Studies Centre, Bethune College	Ms. Manjari Ghosh	A Comparative Study of the Fictional representation of distresses fo urban middle class women in the works of V. Tendulkar and M. Dattani and real life experiences	Rs. 20300/-	267/WSC, 05.03.10
Short Term Minor Research Project – Women’s Studies Centre, Bethune College	Ms. Kumkum Chakraborty	Woman and Empowerment : As projected in the Bengali Cinema of some eminent directors	Rs. 20300/-	268/WSC, dt. 05.03.10
Short Term Minor Research Project – Women’s Studies Centre, Bethune College	Urmita Roy	Crossing the Boundaries	Rs. 20300/-	262/WSC, 05.03.10
Short Term Minor Research Project – Women’s Studies Centre, Bethune College	Piku Dasgupta	Internal migration of poor women – from rural marginalization to urban vulnerabilities- A case study of domestic workers in Kolkata.	Rs. 20300/-	264/WSC, 05.03.10

Short Term Minor Research Project – Women's Studies Centre, Bethune College	Suranjana Dasgupta	Self –help groups and empowerment of Tribal Women : A case study of the tribal villages of Nadia District in West Bengal	Rs. 20300/-	266/WSC, 05.03.10
Short Term Minor Research Project – Women's Studies Centre, Bethune College	Dr. Lina Sen	Bangla probade sekaler narir sachetanata O bartaman prekhyit	Rs. 20300/-	263/WSC, 05.03.10

### C) Research Projects Ongoing – 5

Sponsors	Name of the researcher	Title of the Project	Amount of grant allocated	Memo No and Date of sanction
UGC Major Research Project	Dr. Madhumita Manna	Genome Analysis and Development of Genetic Markers of the Clinical Isolates of Indian Visceral Leishmaniasis and Post Kala – azar dermal Leishmaniasis	Rs. 811300/-	UGC (Major) F.No. 35 – 57 / 2008 (SR) Date: 20.03.09
UGC	Dr. Madhumita Manna	Role of Trace elements in immune Leishmaniasis	Rs. 543000/- + travel grant as and when required	UGC DAE Collaborative research Scheme (Major) CSR/PROJECT/ACCT/2009/188 2 dt. 01.09.09

UGC	Dr. Madhumita Manna	Radiation and Molecular Immunology: Understanding Leishmaniasis (2005 – 2009) extension under consideration	Rs. 411000/- + travel grant as and when required	UGC DAE Collaborative research Scheme (Major) CSR/089/BC/B/MM/7396 dt. 25.02.05
Women's Studies Research Centre, C.U.	Smt. Nilanjana Bagchi & Dr. Chilka Ghosh	A Trap called Trafficking	Amount to be reimbursed after project submission	WSRC/OFF/1075/14.1.2009
UGC: Minor Research Project	Ms. Subhasree Sengupta	Genetic profiling by RAPD of certain endangered fishes towards conservation	Rs. 95000/-	UGC (Minor) (F.PSW-018/07-08(ERO), dt. 21.02.08

**10. Patents generated, if any:** Nil.

**11. New collaborative research programmes:**

Sponsors	Name of the Researcher	Title of the project	Amount of the grant allocated	Memo no. & date of sanction
Department of Health & Family Welfare, Govt. of West Bengal.	Satarupa Bandyopadhyay (Economics Dept.)	Hospital Efficiency in West Bengal	Rs. 72,000	HF/IHMC/IM-15-2009, dt; 09.06.2009.
UGC DAE Collaborative Research Scheme	Dr. Madhumita Manna (Zoology Dept)	Influence of trace elements in immune....leishmaniasis	Rs. 5,43000	CSR/PROJECT/ACCT/2009/1882 dt. 01.09.09.
WBBB	Dr. Roli Shukla Ray (Zoology Dept)	Documentation and conservation of biodiversity in Bethune College campus	Rs.883000	506/3K (Bio)-4/2009 dt. 09.12.09



**12. Research grants received from various agencies:**

Research grants were obtained from UGC and Women's Studies Center, Bethune College in respect of new MRPs implemented and through the different ongoing projects.

**13. Details of research scholars:**

Serial no	Name of the scholar	Department	Name of the Project
1	Sanchita Dutta	Zoology	UGC DAE project
2	Supriya Khanra	Zoology	UGC project
3.	Priyanka chakraborty	Zoology	UGC DAE project
4.	Ronita Mukherjee	Zoology	WBBB Project
5.	Susmita Guha	Women's studies, CU	M. Phil Dissertation
6.	Dyuti Sarkar	Centre for Counselling and Disability Study, RBU.	P.G Diploma Project.
7	Padip kumar Adhya	Do	Do
8.	Susmita Ray	Do	Do
9.	Kanika Das	Do	Do
10.	Ratna Pine	Do	Do
11.	Sajal Bera	Do	Do
12.	Gopinath Naskar	Do	Do

**14. Citation index of the faculty members and impact factor:**

Serial No.	Name of Faculty	Details of Publication	Citation Index	Impact factor of journal/ISBN Number
1.	Nilanjana Bagchhi	Behavioural Issues in Ageing, Care, Concern and Commitment.		10:81-8069-592-1
2.	Dr. Gopa Gupta	The Vaisesika Category of Visesa.		0975-6833

**15. Honors/awards to the faculty:****Nil****16. Internal resources generated:**

<b>Nature of fund</b>	<b>Funding agency</b>	<b>Quantum of fund</b>
1.Sponsorship for the annual Fest "Aalap" -2009	Different private sector organisations	Rs.60,000
2. Sponsorship for seminars	<b>UGC</b>	Rs. 1,00,000
3. New Prize Funds constituted.	1.Chhanda Mitra Memorial Prize and scholarship 2.Maya Mitra Memorial Prize 3.Nibedita Ghosh and Sacchidananda Ghosh Memorial Prize 4.Santosh Kumar Dutta Gold Medal & Radharani Dutta Silver Medal 5.Puspa Das & Dipali Das Memorial Silver Medal	Rs.3,000 Rs.1,000 Rs.10,000 Rs.6,000 Rs.10,000
4.Grants-in-aid through Women's Studies Centre	UGC	Rs.3,00,000

**17. Details of Departments getting SAP, COSIST (ASSIST)/ DST, FIST, etc. assistance/ recognition: Nil**

## 18. Community services

The different activities of the NSS team during the academic year 2009-2010 are enlisted below.

Date	Event
July and September 2009	Encouraging Psychological contact with aged people through cultural functions performed in "Khaniker Atithi" (A home for aged people) by the students
28.07.09-30.07.09 & second week of November 2009	Collection of medicine from students and teachers and depositing those medicines in the Medical Bank.
07.07.09-09.07.09	Collection of relief fund for Aila
01.08.09-03.08.09	Collection of money by selling T.B seal
	Enlisted all the students of Bethune college as the member of Student Health Home.
02.09.09	<p>One day camp for the inhabitants of slum areas of 39/2 Ramdulal Sarkar Street and 14 WC Bannerjee street., Kol-700009.</p> <ul style="list-style-type: none"> <li>• Eye camp</li> <li>• Primary medical education</li> <li>• Anti drug propaganda</li> <li>• Seminar on infectious diseases and "Amra meyera".</li> <li>• Discussion on different family and mental problems               <ul style="list-style-type: none"> <li>• Painting competition</li> <li>• Cultural competition.</li> </ul> </li> </ul>
April 2010	Students contacted with OLSP – an organization for AIDs and HIV positive patients.
May 2010	Medical checkup including blood test for students, teaching and non teaching staff.

**19. Teachers and officers newly recruited/joined on transfer till 31.5.2010:**

Name of the teacher	Age (in yrs)	Subject	Specialisation	Highest educational qualification	Research experience in years & No. of Publications	Teaching experience (UG/PG)
Suparna Mitra	42	Philosophy	Indian Philosophy	Ph.D.	7 years Publications – 3	UG-8 years
Papri Bhadra	47	Philosophy	Logic	M.A.	-	UG-21 years
Piyali Mallick	32	Mathematics	Advanced real Analysis	M.Sc.	8 years, Publications - 6	UG – 5 PG - 1

**The following teachers have joined as Teaching Fellows.**

Name of the teacher	Department	Age	Specialisation	Highest educational qualification	Teaching experience(UG /PG)
Samadipa Bhattacharya	Maths	25	Algebra	M.Sc	3 months(UG)
Rupali Sarkar	Computer Science	25 yrs	AIE	M.Tech.	2 yrs (UG)

**20. Teaching-non teaching staff ratio:**

**72:44** (Excluding the Fellows in the Departments of Mathematics and Computer Science)

**21. Improvements in the Library services:**

Bethune College continues to be an Institutional member of the **American Centre Library**, 38A Jawaharlal Nehru Road, Kolkata 71. Students and teachers can use the Library as Institutional members.

**22. New books and journals subscribed and their cost:**

Name of the library	No. of new books acquired	Approx. cost of the books in Rs.	No. of journals subscribed	Approx. total annual subscription of the Journals in Rs.
Science Library	657	4,27,237.00	4	2,460.00
Arts Library	991	3,75,000.00	Nil	-

The Science and Arts Libraries also received books from individuals by way of gifts. The following are the details of such gifted books:

Gifted Books received by	Number of Gifted Books & Journals
Science Library	6 Journals
Arts Library	147 Books and 3 Journals
Total	147 Books & 9 Journals

**23. Courses in which student assessment of teachers is introduced and action taken on student feedback:**

A feedback on several issues related to the overall functioning of the college including academic and administrative issues was invited from the third year B.A./B.Sc. students.

A copy of the Feedback Form is enclosed and the analysis of the Feedback received from the students is also included in the report (**vide annexure I & II**)

The Departments were also asked to maintain a profile of the students admitted in the 2009-10 session .A specimen copy of the questionnaire put before these students is attached as annexure **III**.

**24. Unit cost of education:**

Year	Students enrolled(n)	Total expenditure including salary (Rs) (a)	Total expenditure excluding salary (Rs.) (b)	Unit cost a/n (Rs.)	Unit cost b/n (Rs.)
2009-2010	1032	59860934	5744814	58005	5567

**25. Computerisation of administration and the process of admissions and examination results, issue of certificates:**

- The process of admissions has been outsourced from the academic year 2006-2007 onwards. The students can avail of online admissions.
- The PG Departments of Zoology, Botany, Mathematics and English being autonomous, issue computerized mark sheets to the students.

**26. Increase in the infrastructural facilities:**

1. Following is a list of the equipments purchased between July 2009 and June 2010 for the upgradation of the laboratories.

Name of the Department	Name of the equipments
<b>Botany (PG)</b>	<ol style="list-style-type: none"> <li>1. Avermedia digital document visualiser</li> <li>2. Submarine mini system gel</li> <li>3. Power pack for electrophoresis</li> <li>4. Automatic servo control stabilizer 7KVA</li> <li>5. Uv-Vis Spectrophotometer(Shimadzu-UV 1800)</li> <li>6. Microcontrol based pH system</li> <li>7. Stabiliser(automatic 2KVA) for Spectrophotometer</li> <li>8. Autoclave(vertical)</li> <li>9. Tissue culture rack with timer</li> <li>10. Rotorhead for cold centrifuge</li> <li>11. Shaker(rotary movement)</li> <li>12. Student compound microscope(Debro)</li> <li>13. Student compound microscope (GB monocular Olympus)</li> <li>14. LCD Projector stand</li> <li>15. Cryocan IBP</li> <li>16. Automatic heater(4x4x9 muffle furnace)</li> </ol>

<b>Zoology (PG)</b>	<ol style="list-style-type: none"> <li>1. CO2 incubator</li> <li>2. Finpipette</li> <li>3. Traceable Spatula</li> <li>4. Dessicator</li> <li>5. Lollypop Thermometer</li> <li>6. magnetic Stirrer</li> <li>7. Counterband Tally</li> <li>8. Millipore distillation unit</li> <li>9. 2 nos Computers</li> </ol>
<b>Psychology</b>	1 set of Software package for memory and attention
<b>Computer Science</b>	<ol style="list-style-type: none"> <li>1. Core 2 duo processor-2 nos</li> <li>2. 8085 Microprocessor-4 nos</li> <li>3. Computer system with 15" LCD monitor</li> </ol>
<b>Physics</b>	<p>8 nos Computer tables  2.0 Ton Split A.C.  1500 VA UPS (Inverter)  2 Computers with accessories  2 Spectrometers  2 Oscilloscopes  2 nos 8085 Micro Processor kit with power supply  Hybrid Parameter experiment board  Travelling Microscope  Digital Function generator  Mutual Inductance coil  Voltmeter/Ammeter for Hall Voltage Measurement  Top pan electronic balance</p>
<b>English (PG)</b>	LCD Projector with screen, DVD Player, LCD TV and 1 computer with laser printer.
<b>Mathematics (PG)</b>	10 nos. computers and a laptop.
<b>Chemistry</b>	<ol style="list-style-type: none"> <li>1. Wall hanging distillation apparatus, 5 liter</li> <li>2. Weighing machine, 210 Kg capacity</li> <li>3. Digital pH meter type 335</li> <li>4. Polarimeter</li> <li>5. Digital Conductivity meter type 304</li> <li>6. Digital photoelectric colorimeter type 112</li> <li>7. Computer with Inter Core 2 duo processor &amp; accessories</li> </ol>

## 2. Development of Bethune College Archives:

The Bethune College Archives have completed the work of classifying and indexing 14,857 sheets of old records, laminating 201 files containing 12213 sheets, laminating and preserving 37 rare books, binding 37 books and 56 files kept in the Arts Library of the College. Besides these 166 files containing 12230 sheets have been digitized. Furthermore, the lists of documents classified so far are going to be published. The archives committee of Bethune College have been able to fully utilize the sum allotted for Archival preservation under the Scheme of Financial Assistance to Archival Repositories, Government Libraries and Museums, 2003 – 2004 (Plan) vide letter No. F. No. 31 – 2(14)/- 2003 Grants, National Archives, India.

**3. Major renovation work has been undertaken and completed in the staff quarters of Bethune College.** A new block of about six classrooms would be developed through remodeling of the existing structure.

## 27. Technology upgradation:

Students of the College are equipped with the basics of computer handling skills through the self-financing course offered through WEBEL and extensive use of the internet is encouraged to supplement classroom lectures.

- Students of Physics Department are encouraged to download text materials for their seminar presentation using the College Internet facility.
- Postgraduate students in the departments of Zoology and Botany regularly surf the internet for collecting study materials for projects, updating their knowledge on latest publications, applying for fellowships through different agencies, preparing slides for seminars or exhibitions. They also study animated versions of complicated molecular structures using CD's to supplement their printed texts.
- For conducting practical classes and for research purposes 'gel electrophoresis techniques' are regularly employed in the Zoology Dept. (PG). Cell culture and ELISA techniques are also being introduced with active help from the Indian Institute of Chemical Biology.

- **List of new computers added in the different Departments**

Department	Number of Computers and Accessories
1. Computer Science	2 Computers with accessories
2. Botany	1 Computer with accessories
3. Zoology	1 Computer with accessories
4. Chemistry	1 computer with Printer & accessories



5.Physics	2 Computers with accessories
6.Women's Studies	1 Notebook P.C.
7.Mathematics	4 Computers with accessories
8.History	1 Computers with accessories
9.Political Science	1 Computers with accessories
10.Arts and Science libraries	Accessories including printer
11.Office	Accessories including printer

## 28. Computer and Internet access and training to teachers and students:

All first year students, 2009-10 (Arts and Science) of the College have been enrolled in the self-financing course on Computer Applications running in the college. The course content is customized to cater to the students of different streams.

**All** teachers and students of this College have access to the Computers. Internet facilities are now available in the all the Science Departments, PG Department of English, Centenary Hall and in the Arts and Science Libraries.

## 29. Financial aid to students:

Students receive financial aid from the Student-Aid Fund and different Endowment Funds. Free-studentship is also extended by the government to the needy students. **It is worthwhile to mention that teachers of this College contribute to the Student aid fund.**

The following is a summary of the beneficiaries to the different Funds:

Serial No.	Contributory Fund	Class	Number of beneficiaries
1	Student Aid Fund & Endowments	PG	4
2	Student Aid Fund & Endowments	UG	13
3	Free studentship awarded by the Govt. of West Bengal	UG PG	7 1
4	Student Aid Fund provided Examination fees	UG	8

Serial no.	Merit scholarships:	Number of beneficiaries in 2009-10
1.	Srabanti Banerjee memorial	12
2.	Dr Nilmani Mukherjee stipend	2
3.	Sarala Ghosh Memorial	2
4.	Kamalabala Mukherjee Memorial	1
5.	Papiya Dutta Ray Memorial Scholarship	4

Serial no.	Merit cum Means scholarships:	Number of beneficiaries in 2008-09
1.	D.N.Roy Memorial Scholarship	3
2.	Ramjitendra Ghosh & Bimalacharan Law Stipend	1
3.	Sumita Mitra Scholarship Prize	2
4.	Eva Mitra Merit Scholarship	1
5.	Nilima Mishra Memorial stipend	1
6.	Bimala Charan Law Stipend	1

### 30. Support from the Alumni Association and its activities:

The Bethune College Alumni association, known as the Bethune College Sammilani plays a supporting role for its alma mater through various activities. Mrinalini Emmerson Memorial Lecture was held on September 12<sup>th</sup>, 2009. Noted Scholar Sri. Nrisinghaprasad Bhaduri spoke on "Krishna". Annual events like the Bethune Day, Fete, Reunion and Bijoya Sammilani were celebrated with enthusiasm. On the day of the Reunion, senior alumnae who completed fifty years of graduation from the College were specially felicitated. The day was chosen to inaugurate Sammilani's own website by Dr. Puspa Misra, ex-Principal and alumnus of the college. The Rupa Chakraborty Memorial Award was given to noted Mathematician, Dr. Jyoti Das. Aruna Mukherjee Memorial Prize was awarded to an alumnus Smt. Ranju Ghosh as recognition for her work with street children.

### 31. Support from the Parent –Teacher Association and its activities:

There is no formal Parent-Teacher Association in our college. However, parents are invited to attend the Open House on dates specified by the departments to keep them updated on the progress of their wards. These sessions are of interactive types in which parents can give their valuable suggestions for improvements. Teachers on the other hand, address to specific needs/shortcomings of the students. This is a reflection of the **personalized care** that teachers of this College extend to the students to make them self-reliant, confident citizens of the country.

**32. Health Services:**

Since Bethune College is a full - fledged government institution , all faculty members and other non-teaching staff are entitled to the medical benefits and help as per the service rules of the West Bengal Government .

Free medical check up of the students is undertaken by eminent doctors of Kolkata who are members of the Alumni Association of the college. Particular attention is paid to ailments regarding eye , teeth and various gynaecological problems .

In any emergency, arrangements are made for taking the students to nearby hospitals and nursing homes.

The NSS Unit of Bethune College addressed several health related issues like eye care, AIDS Awareness and importance of blood donation through interactive seminars held at regular intervals throughout the year.

**33. Performance in sports activities:**

Department	Name of the student	Award/achievement/participation
Psychology	Devika Maheswari	Obtained 12 <sup>th</sup> Rank in 21 <sup>st</sup> National Tenpin Bowling Championship, Gurgaon, Delhi

**34. Incentives to outstanding sportspersons: Nil****35. Student achievements and awards:**

Department	Name of the student	Award/achievement/participation
Botany	Sahana Basu and Sarmita Ghosh	Presented a paper in a DST sponsored seminar in Presidency College in September, 2009.
Botany	Munmun Jele	Project Fellow in a WBBB sponsored Major research Project
Botany	Priyanka Paul	Junior Research Fellow in Bose Institute
Botany	Mithu Chottoraj	Obtained M.Phil. degree from Vinayaka Missions University, Tamil Nadu in 2009
Botany	Binita Choudhury	1 <sup>st</sup> rank in Elocution at AJC Bose Bigyan Sammelan held at Presidency College in November, 2009.
Botany	Kaushiki Chatterjee	Presented a Poster in a State Level Seminar held at Gurudas College, November, 2009.

Botany	Anurupa Ghosh	Presented a poster at the 14 <sup>th</sup> All India Congress of Cytology and Genetics held at the Central Glass & Ceramic Research Institute in December, 2009.
Botany	Chitrita Chatterjee and Pritha Bhattacharya	Presented a paper in a seminar held at Rastraguru Surendranath College in February, 2010
Botany	Sayantani Biswas, Joyeeta Das and Priyanka Saha	Presented a paper in the 97 <sup>th</sup> Science Congress in Tiruvananthapuram in January 2010.
Botany	Ritayati De & Barnali Mukherjee	Presented a poster at National Symposium on Plant Cell Tissue and Organ Culture: Present Scenario and XXXI Annual Meeting of Plant Tissue Culture Association, Kolkata, Balygunge Science College, in March, 2010.
Botany	Anindita Chatterjee, Monalisa Singh Roy & Pamela Ray	Presented a model at the Eastern Zonal Science & Engineering Fair held at BITM, Kolkata and won the First Position in INFOCOM Fair in January, 2010.
Botany	Students of First Year Honours	Presented Posters and Models on "Gene Therapy" at Acharya satyendranath Basu Smarak Vigyan Mela, January, 2010.
Zoology	Bartika Ghosal and Pamela Ray	Participated in Science quiz at Dipta Memorial Symposium held at Bose Institute, Kolkata 2009
Zoology	Pamela Ray	Won the first position in INFOCOM Fair in January, 2010.
Zoology	Soumana Majumder	Stood first in Inter College Choreography Competition, Aalap, Bethune College Fest, 2009.
Physics	Monalisa Singh Roy	1 <sup>st</sup> position in Debate at the Science Day Celebration at VECC in March, 2010.
Physics	Monalisa Singh Roy and Ravneet Kaur Gill	Participated and won prizes in Science Day Celebration at VECC in March, 2010.
Physics	Rupali Rakshit and Ravneet Kaur Gill	Obtained Merit Certificates for the NGPE 2010 organised by IAPT and Rupali Rakshit was awarded a special scholarship for being among the first one percent candidates from West Bengal.
Physics	Monalisa Singh Roy	1 <sup>st</sup> position at INFOCOM innovation Hub organized by The Telegraph Knowhow innovation Hub in January, 2010.
Physics	Soma Chakraborty	Selected as a Ph.D. fellow by Academy of Sciences of Czech Republic, Prague.

Physics	Ajanta Bahr	1 <sup>st</sup> position in M.Sc. (IIT, Delhi), 121 <sup>th</sup> position in NET
Physics	Indrani Chakraborty	4 <sup>th</sup> position in B.Sc. (Physics Honours), Examination, Calcutta University
Physics	Aditi Mukhopadhyay	Joined Baylor University, Texas for Doctoral Research Programme.
Physics	Eeshita Manna	Joined Iowa State University for Doctoral Research Programme.
Physics	Sudeshna Ganguly	Qualified GRE with Honours and joined Wayne State University , Michigan.
Physics	Monalisa Singh Roy	Participated in Science and Engineering Fair, 2010 organised by Birla Industrial and Technological Meuseum, BITM in January, 2010.
Physics	Two students of I <sup>st</sup> Year Honours	Participated in National Science Day celebration at VECC in March, 2010 and visited various Laboratories in VECC.
Physics	Chandrima Banerjee, Dipanwita Ghanti, Sukanya Bhattacharya, Sukanya Ghosh and Susmita Roy	Qualified for M.Sc. at various ITT through JAM.
Physics	II <sup>nd</sup> and III <sup>rd</sup> year Students	Attended a Lecture by Prof. Lyndal Evans, Leader of the LHC project in November, 2009 at Rabindra Okakura Auditorium organized by Saha Institute of Nuclear Physics and NIT, Durgapur
Physics	I <sup>st</sup> Year students	Participated in Science fair organized by Paschimbanga Bigyan Mancha in January, 2010.
Physics	I <sup>st</sup> and II <sup>nd</sup> Year Honours Students	Visited laboratories in VECC in march, 2010.
Political Science	Salini Das	1 <sup>st</sup> position in Indipop in Aalap, 2009, Bethune College Fest and 1 <sup>st</sup> in Western Vocal Solo, Umang 2009, Bhawanipur Educational Society Fest.
Psychology	Roja Paromita Dey	I <sup>st</sup> position in Solo Dance Competition - Xavotsav (St. Xavier's College Annual Fest)
Psychology	Roja Paromita Dey	III <sup>rd</sup> position in Inter College Classical Dance Competition – Aalap (Bethune College Annual Fest)
Psychology	Ananya Sengupta	I <sup>st</sup> position in Mirchi Express – Voice of College organized by Radio Mirchi
Psychology	Ananya Sengupta	II <sup>nd</sup> position in Radio One College Champion
Psychology	Ananya Sengupta	I <sup>st</sup> , I <sup>st</sup> , II <sup>nd</sup> and II <sup>nd</sup> position in Debate, Cartoon Story Telling, Eastern Vocals,

		Indipop, respectively in Aalap (Bethune College Annual Fest).
Psychology	Ananya Sengupta	II <sup>nd</sup> position in War of RJs – organized by Umang – Bhawanipur Educational Society Fest
Psychology	Barna Roy	II <sup>nd</sup> position in War of RJs – organized by Umang – Bhawanipur Educational Society Fest
Psychology	Sujata Roy Chaudhuri	III <sup>rd</sup> position in Creative Writing - Aalap (Bethune College Annual Fest)
Psychology	Bidisha Haque	I <sup>st</sup> position in Creative Writing (Bengali) – Scottish Church College Fest
Psychology	Sanchari Nag, Manjari Sinha, Nayanika Bhattacharya	I <sup>st</sup> position in Choreography - Aalap (Bethune College Annual Fest)
Psychology	Debolina Dawn, Abheri Bose, Sujata Roy Chaudhuri, Ananya Sengupta, Barna Roy, Subhnik Kaur, Preeti Jajodia, Juhi Chakrabarty	II <sup>nd</sup> position in Choreography - Aalap (Bethune College Annual Fest)

### 36. Activities of the Guidance and Counseling cell:

There is a **Career Counseling Cell** that maintains regular contact with corporate houses. Different companies ranging from software, BPO, Biotech etc. are invited on a regular basis to give guidelines regarding employment opportunities. Several such meets between the students and companies have taken place in the College campus and elsewhere since 2004.

#### Report of the activities of the Career Counselling Cell for the session 2009–10:

In January, 2010 George Educare conducted an interactive session with the students of third year who were aspiring to pursue higher studies abroad. The students of all streams took part in the session.

Another programme by WLC India was organized by the Career Counseling Cell/Committee in January, 2010. WLC intended to be a partner of Bethune College to launch vocational programmes in the areas of business, fashion and design which will help the students to expand their horizons and find relevant employment opportunities with large Indian/Multinational

organizations. The interactive session was an attempt to make the students aware of their intentions and at the same time to take a feedback on the relevant issue.

Other institutes like Institute of Media and Communication, Kolkata, Innovative Systems, The T.I.M.E. etc had also approached the Cell for conducting workshops and seminars. However, all the institutes could not be entertained due to lack of time, availability of students (due to various examinations) and the terms and conditions of employment not being suitable.

The faculty renders **Academic counseling** after class hours. Teachers try to help the students especially in situations when the students' family or health related problems tend to overwhelm their academic endeavours.

Another unique feature of this College is the provision for **Psychological counseling** that is so pertinent in today's stressful life. The psychology Department provides for special clinical counseling for personality disorders and other problems related to the mental health of the students. This special Counseling Cell was opened on 27.3.04. These sessions take place regularly in the Department depending on the needs of the students.

### **37. Placement services provided to the students:**

The session 2009– 10 was no different from the previous year as far as campus recruitment for technical jobs from under-graduate colleges is concerned. This was largely due to the probability of a continuing recession in the U. S. which, in turn is affecting the world market. So large companies like TCS and INFOSYS have drastically reduced their intake of fresh candidates. Therefore recruitment of students from our college has also been very low. This is further due to the fact that though a large number of students are selected each year from colleges in and around Kolkata for BPO related jobs but that does not happen in our college. This is because of two basic reasons. In spite of the comparatively high salary they offer, these jobs are sometimes considered by parents to be high risk and with less growth potential. Meritorious students of our College prefer to pursue higher education, but mediocre students, who would be ideally suited for this kind of work, unfortunately do not possess the necessary language skills.

### **38. Development programmes for non-teaching staff: N.A.**

### **39. Healthy practices of the institution:**

The College takes care of the well-being of the students and staff and at the same time maintains the internal quality checks to uphold the reputation of the oldest institution for higher education for women in India through students' feed-back, feed-back from teaching and non-teaching staff, guardians' feed-back, feedback from Alumni, quality checks by Calcutta University, auditing of financial transactions by Govt. appointed auditors and monitoring of the process of modernization and utilization of resources by UGC.

#### **Internal Quality Checks**

- Feedback from peer group in the universities is collected to maintain proper teaching methodology.
- Constant monitoring of students' performance is done to help them in skill development.
- Student feedback is used to upgrade and correct any deficiency in the service provided to them.
- Financial transactions are audited by Govt. appointed auditors.

#### **Welfare Schemes**

- In 2006 we have formed the SC/ST Cell as required by the University of Calcutta with the local Councilor as a member. Sm. Kammu Khatik of Hindi department is the Teacher-in-charge.
- Financial support is available for students from Student Aid Fund, Endowment Fund as well as from Teachers' Fund.
- Free health check up of students is available.
- All members of staff enjoy medical benefit from the Government
- All members of staff can avail of interest free loan facility from General Provident Fund as per Govt. rule.
- All members of staff are covered by Group Insurance.

#### **Extension Activity**

College puts in constant effort to enhance the sense of civic responsibility amongst the students by involving them in social work outside the College as well as by training them to be aware of the need to be thoughtful and respectful to all members of the College. Regular interaction with the slum dwellers at 76/1A Bidhan Sarani and H.I.V. positive patient at E.S.I. Hospital are commendable steps undertaken by the NSS Unit.

#### **Cohesion in the College Community**

A particular matter of pride for us is the involvement of all members of Bethune College Community – students, teaching and non-teaching staff and alumnae in College activities leading to societal development.



**40. Linkages developed with national/international, academic/research bodies:**

The Post-graduate Departments of Botany and Zoology send their Final Year students to the following Research institutes to undertake projects which are a part of their P.G. curriculum.

1. Indian Institute of Chemical Biology
2. Institute of Post Graduate Medical Education and Research
3. Departments of Zoology and Biochemistry, Calcutta University
4. Department of Zoology, Kalyani University
5. Bose Institute
6. Zoological Survey of India
7. Biodiversity Board, Kolkata
8. Central Research Institute for Jute and Allied Fibre, Barrackpore
9. Jadavpur University Instrumentation Laboratory
10. Indian association for the Cultivation of Science
11. Saha Institute of Nuclear Physics
12. Presidency University, Kolkata

**41. Any other relevant information the institution wishes to add:**

**The University Grants Commission has identified Bethune College as a “College with Potential for Excellence”. Copies of the congratulatory note from the University of Calcutta, along with the letter from UGC intimating the College to prepare the Action Plan is attached in this Annual Report.**

**The Second Convocation of the Post graduate departments of Zoology and Botany and the First Convocation of the Post graduate Departments of Mathematics and English was held. Prof. Suranjan Das, Vice-chancellor of University of Calcutta graced the occasion and distributed the certificates.**

## **PART C**

### **Detail the plans of the Institution for the next year**

The **Department of English** (UG & PG) proposes a Communicative English course for the first year students from the next academic year.

**Women's Studies Centre, Bethune College** proposes to introduce "Women's Studies" as a General subject from the next academic session.

**Department of Botany (P.G):** Proposes introduction of revised PG syllabus with one additional special paper on "Molecular Biology and Plant Biotechnology".

**Department of History:** Proposes year long programmes to celebrate the birth centenary of the famous martyr Sm.Pritilata Waddedar- an alumnus of the College.

**The Departments of English, Philosophy and Political Science have proposed a UGC inter-disciplinary seminar during the session 2010-2011.**

**The completion of the new block of classrooms after renovation of the staff quarters would be initiated.**

**The formalities for the initiation of the work on the proposed women's hostel and the auditorium building would be pursued.**

**The UGC Committee of the Teachers' Council would formulate the Action Plan and Budget under CPE following the directives of the UGC.**

**Keya Bose, S. Kundu**  
**Coordinators, IQAC ,**  
**Bethune College**

**M. Sinha**  
**Officer-in-Charge & Chairperson, IQAC**  
**Bethune College**