

**Additional Report for Re-accreditation**

**naac**

**Session 2009 - 2010**



**J. D. Birla Institute, Kolkata**



J D Birla Institute first submitted the self study report to the NAAC in 2004 and is proud to state that it achieved B+ grade (Overall score of 78.5%) after accreditation. For the next five years, J D Birla Institute strived to design and develop new practices, diversify instructional formats and support learning-centered education. During this period, to continue with measures for quality enhancement, the Institute assiduously submitted the AQAR every year.

The college is now preparing for re-accreditation and has submitted to this effect, an RAR in October 2009. However, owing to unforeseen circumstances, the communication of the change of name of the Institute from 'Smt J D Birla Institute' to 'J D Birla Institute', with the UGC, could take place only in May 2010.

For the intervening period (October 2009 to May 2010), the college is therefore submitting brief report. This report reflects the highlights of Departments, faculties and statistical information of this period.

J D Birla Institute

## CRITERION - I

### Curricular Aspects



#### 1.1 Curriculum Design and Development

The Institute has during the last one year continued in its efforts to ensure holistic development of the stakeholders.

a) **New Courses:** The Department of Home Science has updated its undergraduate course and has introduced separate degree programmes in each area of Home Science specialization. Thus, four new departments, B.Sc. (Hons) in Textile Science, Clothing and Fashion Studies; B.Sc. (Hons) in Food Science and Nutrition Management; B.Sc. (Hons) in Interior Designing; B.Sc (Hons) in Human Development apart from B.Sc. (Hons) in Home Science have been introduced. In addition, two new Postgraduate courses (M.Sc. in Textiles & Clothing and M.Sc. in Food & Nutrition) have also been introduced from academic session 2009-2010. Therefore the courses offered by the institute are as follows:

- Undergraduate Courses
  - i. B.Sc. (Hons) in Home Science
  - ii. B.Sc. (Hons) in Food Science & Nutrition Management
  - iii. B.Sc. (Hons) in Human Development
  - iv. B.Sc. (Hons) in Interior Designing
  - v. B.Sc. (Hons) in Textile Science, Clothing & Fashion Studies
  - vi. B.Com
  - vii. BBA
- Postgraduate Courses
  - i. M.Sc. in Home Science with specialization in Composite Home Science
  - ii. M.Sc. in Home Science with specialization in Resource Management
  - iii. M.Sc. in Home Science with specialization in Human Development
  - iv. M.Sc. in Home Science with specialization in Textiles & Clothing
  - v. M.Sc. in Home Science with specialization in Food & Nutrition
- Diploma Courses
  - i. Postgraduate Diploma in Dietetics & Applied Nutrition
  - ii. Postgraduate Diploma in Hospitality Management (Approved by the University, but not yet commenced)

Henceforth all these departments would be collectively referred to as  
**DEPARTMENT OF SCIENCES**

- b) **Holistic Curriculum:** Keeping in view all the current requirements, all the current undergraduate and postgraduate courses offered by the Institute including the new courses have Information Technology and Environmental Studies as compulsory papers.
- c) **Upgradation of Library:** The college library has been semi-automated using the LIBSYS software and a large number of books and journals have been added.
- d) **Technological Advancements:** Towards further integration of Technology in pedagogy, a number of classrooms have been equipped with LCD projectors.
- e) **Short term courses**
  - The following courses have been completed during the session 2009-2010
    - i. Certificate Course in Home Science
    - ii. Montessori Training
    - iii. Finishing School
    - iv. Complete Cookery & Bakery
  - New courses that are ongoing and / or in the pipeline are as follows:
    - i. Digital Design
    - ii. Artistic Craft
    - iii. Tanjore Painting
    - iv. Entrepreneurship Development

### **1.2 Academic Flexibility**

In the newly introduced courses all papers in the first semester are subsidiary papers. Currently there is no provision to offer options for elective papers to students.

### **1.3 Feedback on Curriculum**

The process for receiving feedback remains unchanged.

### **1.4 Curriculum Update**

- a) **Syllabus revision in the last year:** Proposal for revision of the BBA syllabus has been forwarded to the University for its approval. Regarding the B.Com syllabus, a new curriculum has been framed and the preparation of the detailed syllabus is underway. The curriculum and syllabus of B.Sc in Home Science has also been revamped completely

## **1.5 Miscellaneous**

- a) **Increase in BBA seats:** The Jadvapur University has formally approved an increase of 10 seats to the existing 140 seats in the Department of Management w.e.f from Academic Session 2009 vide EC resolution dated 9<sup>th</sup> October 2009.
- b) **Fee structure:** The current fee structures for the different courses are as follows:
- Degree & diploma Courses
    - i. B.Sc (all courses) → Rs. 65,225/- per annum
    - ii. B.Com → Rs. 48,125/- per annum
    - iii. BBA → Rs. 77,000/- per annum
    - iv. M.Sc (all courses) → Rs. 34,825/- per annum
    - v. Postgraduate-diploma in Dietetics & Applied Nutrition → Rs. 32,000/- per annum
  - Short term certificate courses
    - i. 1 year Certificate Course in Home Science → Rs. 6,500/- for the course
    - ii. 1 year Montessori Training → Rs. 18,000/- for the course
    - iii. 6 week course in Finishing School → Rs. 5,000/- for the course
    - iv. 6 week course in Complete Cookery & Bakery → Rs. 4,000/- for the course
    - v. 6 month course in Digital Design → Rs. 12,000/- for the course
    - vi. 9 months course in Artistic Craft → Rs. 7,000/- for the course
    - vii. 2 month course in Tanjore Painting → Rs. 1,500/- for the course
    - viii. Entrepreneurship Development → Rs. 5,000/- for the course

## **CRITERION - II**

### **Teaching-Learning and Evaluation**

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#### **2.1 Admission Process and Students' Profile**

##### **a) Modification in the minimum entry qualification**

- **New undergraduate courses introduced from Academic session 2009-2010**
  - i. For B.Sc (Hons) in Textile Science, Clothing and Fashion Studies, BSc (Hons) in Food Science and Nutrition Management and B.Sc (Hons) Interior Designing, students preferably should have studied Science with Physics and Chemistry as a combination at std-XII level. However, students who have studied Commerce (with Economics) or Humanities (with a combination of any or more of the following subjects: Home Science/ Fashion Studies/ Food & Nutrition / Home Management) from any recognized board of the std-XII level would have to take two bridge courses, one on Physics and Chemistry in the 1<sup>st</sup> semester of the said course.
  - ii. For B.Sc (Hons) in Human Development, students should have studied Science (with Biology/ Life Science as one of the combinations) or Humanities (with a combination that entails one of the following courses: Home Science/ Human Development/ Psychology/ Sociology/ Education).
  - iii. For B.Sc (Hons) in Home Science, students passing std-XII from any branch/discipline (Science/ Humanities/Commerce) from any recognized board/council with a combination of five subjects including English as one of the subjects in the combination and securing 50% marks in the aggregate are eligible for admission.
- **Department of Commerce**

For admission to B.Com course, personal interview has been replaced by a written admission test which has been awarded a weightage of 30%; the remaining 70% is based on the performance of the student at the school leaving examination.

- b) Highest and Lowest percentage of marks at the qualifying examination considered for admission during the academic year 2009-2010

Departments	Open Category (%)		SC / ST (%)	
	Highest	Lowest	Highest	Lowest
<b>Department of Sciences</b>				
B.Sc (Hons) in Home Science	84.60	50.6	79.20	63.20
B.Sc (Hons) in Food Science & Nutrition Management	87.75	46.90	65.80	57.00
B.Sc (Hons) in Human Development	87.00	62.00	--	--
B.Sc (Hons) in Interior Designing	89.25	69.50	82.25	--
B.Sc (Hons) in Textile Science, Clothing & Fashion Studies	87.50	41.00	--	--
Postgraduate-diploma in Dietetics & Applied Nutrition	73.11	55.22	56.75	48.90
M.Sc in Home Science with specialization Resource Management	76.67	61.44	--	--
M.Sc in Home Science with specialization Human Development	75.56	57.67	51.80	43.00
M.Sc in Home Science with specialization Textiles & Clothing	77.78	61.44	--	--
M.Sc in Home Science with specialization Food & Nutrition	69.78	59.00	--	--
<b>Department of Commerce (undergraduate courses)</b>				
B.Com	91.25	69.25	--	--
<b>Department of Management (undergraduate courses)</b>				
BBA	93.4	59.00	--	--

## 2.2 Catering to Diverse Needs

- a) As a part of the endeavour to enable students from all backgrounds to cope with the courses offered by the Institute, students were offered bridge courses in Physics and Chemistry in the 1<sup>st</sup> semester of the new undergraduate courses. An examination was also conducted to evaluate their aptitude in these subjects before the end-semester University examination held in December 2009.
- b) Career councelling: With an aim to help students make appropriate choices in the field of lesser known courses that have recently been introduced by the institute, the different departments held councelling workshops during the time of admission. During these sessions, students had their enquiries answered.

## 2.3 Teaching-Learning Process

- a) Number of working days during the last academic year (2009-2010)  
235
- b) Number of teaching days during the last academic year (2009-2010)  
184

**c) Keeping Pace with Recent Developments**

To facilitate acquaintance of students and faculty with new and recent publications in their respective fields, a Book Fair was organized on 25<sup>th</sup> March 2010 at the main campus along with the Alumni Association of JDBI. A number of well-known book publishers and distributors participated in the fair. Students and faculty members could purchase books at 20% discount price. The fair also gave an opportunity to faculty members to recommend books and approximately 260 books for the Departments of Sciences and 450 books for the Department of Commerce were recommended by them and purchased by the institute.

**d) Institutional Strategies contributing to the acquisition of life skills, knowledge, management skills and life long learning**

• **Seminars and Conferences organized by the College:**

- i. The 28<sup>th</sup> Biennial Conference of the Home Science Association of India on '*Influence of Social Change and Technological Advancement on Family and Community*' was hosted by the Institute during January 7<sup>th</sup> to 9<sup>th</sup> 2010. About 650 participants from all over the country took part in the 3 day proceedings that included technical sessions, oral and poster presentations and awards in several categories. A cultural show and Crafts Bazaar was also organized during the conference. The Conference was very successful and the Institute received appreciation from all quarters for hosting a high quality national conference.
- ii. A session on 'Analysis on Indirect Tax Proposals of 2010 Budget' was organized on March 10, 2010 by the Department of Management.
- iii. A seminar on '*Career Opportunities for Commerce students - Looking Beyond the Horizons*' was organized by the Department of Commerce on 12<sup>th</sup> September 2009 to enlighten students and create awareness amongst them regarding the various non-conventional career opportunities other than the stereotype courses. Representatives from The Chopras (Foreign Education Consultants) and the Kredent Capital Market Academy through their presentation gave valuable insight on education abroad and the future outlook of the capital markets respectively. Moreover students from three other colleges (St. Xaviers College, Goenka College of Commerce, Shri Shikshayatan College) apart from the host college enthusiastically participated in the competition and enlightened everyone.

- **Lectures organized by the College for students:**
  - i. Dr. Hiru Chakraborty, a leading gynaecologist spoke on the causes, occurrence and prevention of Cervical Cancer at a lecture on '*Cervical Cancer - its Causes and Prevention*' on 16<sup>th</sup> April 2010. The lecture was attended by 60 first year and final year students from the Departments of Food Science & Nutrition Management and the Department of Human Development.
  - ii. The renowned vedantist, Smt. (Dr.) Jaya Row from Mumbai was invited to address the students from the Department of Management on '*Human Values*' on March 10, 2010.

e) **Experiential Learning through Team Building exercises**

To foster a spirit of team building and gain first hand knowledge, students are taken on short trip / excursions. The following excursion / field visit were organized by the Institute during the session 2009-2010.

- A team building excursion to Bhubaneswar from 27<sup>th</sup> August 2010 to 1<sup>st</sup> September 2009 was undertaken by 161 students and 10 faculty members from the Department of Management.
- A team building excursion to Bangkok (Thailand) from 25<sup>th</sup> to 29<sup>th</sup> March 2010 was undertaken by 76 students and 4 faculty members from the Department of Management.
- 14 final year students specializing in Human Development and two teachers undertook an excursion to Sambalpur, Puri and Bhubaneshwar from 4<sup>th</sup> October to 11<sup>th</sup> October 2009. The students visited the Dhankuda Institute for the Mentally Challenged and Orphanage at Sambalpur. At Bhubaneshwar they visited CAPART (Council for Advancement of People's Action and Rural Technology) where they received first hand experience of handling rural projects like Kurem and Raitasahi. The students also visited the Chetna Institute for the Mentally Handicapped at Bhubaneshwar. They got first hand experience on how self sufficiency is instilled in both educable and trainable mentally retarded children through vocational training. During their visit to Bharat Integrated Social Welfare Agency (BISW) at Sambalpur, students visited the Home for Destitute Women and the Ashram (orphanage) where they learnt about legal adoption procedures.

- A group of 12 students final year students specializing in Textile & Clothing accompanied by 4 teachers undertook an excursion to **Phulia, Shantipur and Murshidabad** by road from 10<sup>th</sup> October to 13<sup>th</sup> October 2009. Students visited the weaving colony at Phulia where they saw the weaving of Tangail sarees. Students visited Chandra Kumar Lalit Mohan, a KVIC organization at Islampur near Murshidabad, and saw the cotton hand spinning process. At Behrampur, they visited the Central Silk Research Institute.
- 18 final year students specializing in Food & Nutrition accompanied by two teachers undertook an excursion to **Guwahati and Shillong** from 11<sup>th</sup> October to 15<sup>th</sup> October 2009. Students visited Amchong Tea Estate that specializes in preparation of CTC tea at Guwahati. At Shillong, they visited RRTC (Rural Research Training Centre) where they were briefed on various aspects of horticulture, floriculture, fisheries, cattle rearing, dairy, vermi-composting, mushroom cultivation, bee keeping and food processing.

**f) Local Field Visits to Enhance Theoretical Knowledge**

- 7 final year postgraduate Human Development students visited **National Institute for the Orthopaedically Handicapped** on 4<sup>th</sup> August 2009. They were oriented on the problems faced by challenged individuals. At the Institute they visited various units – the out patient division and therapy units (hydrotherapy, physiotherapy and occupational therapy), where they interacted with the patients. Students also met with two ‘Aila’ affected victims.
- Final year postgraduate Human Development students visited **Pradeep Centre for Autism Management** on 28<sup>th</sup> August 2009 where they were oriented on Autism by a special educator and were shown the units where students of different cognitive levels studied. They had a chance to interact with the autistic students receiving dance therapy, occupational therapy and physiotherapy.
- 20 final year undergraduate Food & Nutrition students conducted a lecture demonstration for street children and their mothers at the **Women’s College**, as a part of ‘Srijan’, a community outreach programme run by them.
- 7 final year postgraduate Human Development students visited **DISHA**

**Foundation** on 28<sup>th</sup> October 2009 where they had a chance to teach English and nursery rhymes to the children of nearby slums. They even participated in bottle feeding of children below 3 years in the Balwadi Section.

- Final year postgraduate Human Development students visited MENTAID on 11<sup>th</sup> November 2009 where they visited the autistic and special units. The students also were made to prepare a check list on the level of mental retardation of the students of the Institute.
- 14 final year undergraduate Human Development students visited CINI on 12<sup>th</sup> November 2009 where they were taken to various clinic line NRC (Nutrition Rehabilitation Centre), ANC (Ante-natal clinic), RHC (Reproductive Health Clinic) and emergency ward. They also observed the preparation of weaning mixes, weighing and immunization of children.
- 14 final year Human Development students visited the **Institute of Cerebral Palsy** on 24<sup>th</sup> February 2010 where they were exposed to occupational therapy and physiotherapy and vocational training imparted to the disabled children.
- 13 final year Human Development students visited ‘The Refuge’, an orphanage on 15<sup>th</sup> March 2010.
- 14 final year Human Development students visited **Monovikas Kendra** on 27<sup>th</sup> March 2010 to observe the teaching techniques adopted for mentally challenged children. They also visited the vocational training unit.
- 38 undergraduate and postgraduate students from the Textile & Clothing section visited **Jayshree Textiles** at Rishra on 2<sup>nd</sup> April 2010.
- 13 final year Human Development students visited **Narendrapur Blind Boys’ Academy** on 3<sup>rd</sup> April 2010 to observe the teaching techniques adopted and vocational training imparted to the blind students. They visited the Braille library and the Braille printing press.
- 27 students from the Human Development section visited **Disha Foundation** on 9<sup>th</sup> April 2010 to observe the socially disadvantaged group (street and vagrant children).
- 58 undergraduate and postgraduate students from the Food & Nutrition section visited **Child in Need Institute (CINI)**, a leading Non Government Organization (NGO) on 8<sup>th</sup> and 22<sup>nd</sup> April 2010. The students visited different clinics including Antenatal clinic, Reproductive clinic,

Emergency ward, Nutrition Rehabilitation clinic and Special Thursday Clinic.

**g) Seminars attended by Students:**

- Students attended a two day seminar '*Challenges in Technology Market Development for Jute and other Natural Fibre Industry*' organized by Institute of Engineers, Kolkata in collaboration with JMDC, Kolkata held on 13-14 November, 2009.
- Final Year students of Textile and Clothing and Inter B.Sc. students attended an international workshop on '*Urushi, Japanese Lacquer Art*' organized by Weavers Studio in association with the Consulate General of Japan from 13<sup>th</sup> November to 15<sup>th</sup> November 2009.
- 13 final year students specializing in Resource Management attended a seminar on '*Audio-Visual and Acoustics in Interiors*' organized by ABID on 12<sup>th</sup> February 2010.
- 25 students attended an exhibition on '*200 years of Charles Darwin*' organized by the Asiatic Society on 16<sup>th</sup> February 2010 at the Asiatic Society.
- M.Sc (Sem-II) and final year students of Textile & Clothing section attended a two day international seminar, '*Raksha and Vriksha*' by Sutra on Conservation of Textiles and Textile Traditions' on 16<sup>th</sup> & 17<sup>th</sup> February 2010.

**2.4 Teacher Quality**

**a) Awards received by faculty members**

- Dr. Deepali Singhee, Principal of the Institute was awarded the '*Mid-career Scientist's award*' for her Research work entitled, '*Studies on Selective Chemical Treatment of Jute, Cotton and Jute-Cotton Union Fabrics*' at the 28<sup>th</sup> Biennial Conference of the Home Science Association of India held from 7<sup>th</sup> January to 9<sup>th</sup> January 2010.
- The following faculty were awarded for '*Best Research Poster*' presentation during the 28<sup>th</sup> Biennial Conference of the Home Science Association of India held from 7<sup>th</sup> January to 9<sup>th</sup> January 2010:
  - i. Dr. Deepali Singhee was awarded the Best Poster in the category of Textile Science, Design, Clothing and Fashion Studies for the paper

- entitled '*Studies on repeated dyeing of silk with red sandalwood using selective mordants*'
- ii. Dr. Krishnakali Bhattacharyya was awarded the Best Poster in the Human Development, Family Studies and Early Childhood Education & Development category for the paper entitled '*A study of personality, rigidity and leadership preference of undergraduate commerce students*'
  - The following Faculty members were awarded '**Best Overall Performance**' by the Management of J D Birla Institute for academic session 2008-2009 on the occasion of Teacher's Day Celebrations:
    - ii. Dr. (Ms.) Banani De, Lecturer in Chemistry, Department of Home Science
    - iii. Mrs Rachna Kejriwal, Head and Lecturer, Department of Commerce
    - iv. Mr. Tapabrota Ray, Lecturer Department of Management

**b) Academic Development**

- i. Dr Annalakshmi Chatterjee, Lecturer in Biochemistry in the Department of Food Science & Nutrition Management was awarded a *Ph.D.* entitled '*Newer Antipeptic Ulcer Principles from Indian Biodiversity: Target Based Search in Preclinical Experimental Models*' by Jadavpur University on 30<sup>th</sup> April 2010.
- ii. Mrs. Sreetama Ghosh (Nee De), Lecturer in the Department of Commerce completed her *M.Phil* from Vinayak University in March 2010.

**c) Professional Development of Faculty Members**

Particulars	Number of members who have participated
Refresher Course	0
Orientation	1
National Conferences	38
International Conferences	1
Seminars	30
Training programmes	43
Workshop	3
Faculty Development Programme	NIL
As Resource Person	3

**d) Workshops / Seminars Attended by Faculty Members**

- Ms. Shivarati Bose, Sr. Lecturer Department of Home Science attended a 3-Day International workshop on '*Micronutrients and Child Health*' organized by the Human Nutrition Department of All India Institute of Medical Science, New Delhi along with Indian Academy of Pediatrics on 20<sup>th</sup> - 23<sup>rd</sup> October 2009.

- Mrs. Amita Dutta, Lecturer, Department of Home Science participated in an international workshop on '*Urushi, Japanese Lacquer Art*' organized by Weavers Studio in association with the Consulate General of Japan on 13<sup>th</sup> November to 15<sup>th</sup> November 2009
- Dr. Deepali Singhee, Mrs. Samita Gupta, Ms. Manushi Tewari and Shweta Tuteja, Lecturers, Department of Home Science, attended '*Challenges in Technology and Market Development for Jute and other Natural Fibre Industry*' organized by Textile Engineering Division, West Bengal State Centre, Institute of Engineers (India) in collaboration with Jute Manufacturers Development Council, Kolkata (Ministry of Textiles, Govt. of India) on 13<sup>th</sup> and 14<sup>th</sup> November 2009.
- Mrs. Basudha Mukhopadhyay and Mrs. Atri Chakraborty, Lecturers, Department of Commerce attended a two day National Seminar on '*Governing Business in the 21<sup>st</sup> Century - Opposition and Challenges*' organized by Department of commerce and Business Administration, St. Xavier's College Kolkata on 20<sup>th</sup> and 21<sup>st</sup> November 2009.
- Ms. Shivarati Bose, Sr. Lecturer, Department of Home Science participated in a presentation on '*Benefits and Safety of Iodized Salt*' organized by the Kolkata Institute of Graphology (KIG) on 22<sup>nd</sup> November 2009.
- Dr. Deepali Singhee participated in the 15<sup>th</sup> Biennial International Congress of Asian Regional Association of Home Economics held at Pune on 11<sup>th</sup> to 15<sup>th</sup> December 2009.
- Mrs. Komal Sharma, Lecturer, Department of Interior Design, participated in a seminar on '*Audio/visual and Acoustic in Interiors*' organized by ABID on 12<sup>th</sup> February 2010.
- Mrs. A. S. Manjulakshmi & Mrs. Keya Ghosh, Lecturers with the Department of Commerce attended a seminar on '*Issues in Accounting and Finance*' organized by the Department of Commerce, University of Burdwan as a part of their golden jubilee on 16<sup>th</sup> February 2010 to 17<sup>th</sup> February 2010 at Burdwan.
- Dr. Deepali Singhee, Mrs. Samita Gupta and Mrs. Amita Dutta, Lecturers, Department of Home Science attended an international seminar '*Raksha and Vriksha*' organized by Sutra, an event on Conservation of Textiles and Textile Traditions' on 16<sup>th</sup> & 17<sup>th</sup> February 2010.

- Mrs. Samita Gupta and Mrs. Amita Dutta, Lecturers, Department of Home Science, participated in an event on '*Conservation of Textiles and Textile Traditions*' at The Indian Science Museum and was coordinated by faculty members and curators from the Victorian and Albert Museum, London on 26<sup>th</sup> and 27<sup>th</sup> February 2010.
- Ms. Rachana Kejriwal and Mrs. Keya Ghosh, Lecturers, Department of Commerce attended a national seminar on '*Corporate Social Responsibility, Entrepreneurship Development & Small Business*' organized by the Calcutta University on 27<sup>th</sup> March 2010.
- Mrs. Basudha Mukhopadhyay and Mrs. Atri Chakraborty, Lecturers, Department of Commerce participated in a UGC-sponsored state level seminar on '*Globalization and Changing Structure of Capital Market in India: Efficiency vs Vulnerability*' organized by Surendranath College for Women in collaboration with Chittaranjan College on 30<sup>th</sup> March 2010.

e) **Faculty Recruitment**

- **Confirmation of faculty members during the academic session**

The following full-time faculty members satisfactorily completed 2 years of probation and were confirmed:

**DEPARTMENT OF HOME SCIENCE**

- Ms. Indrani Biswas, Lecturer in Food & Nutrition (doj: 02.01.2007)
- Mrs. Ishita Biswas, Lecturer in Resource Management (doj: 17.07.2007)
- Mrs. Basudha Mukhopadhyay, Lecturer in Economics (doj: 09.07.2007)

**DEPARTMENT OF COMMERCE**

- Mrs. Atri Chakraborty, Lecturer in Marketing & Management (doj: 07.01.2008)
- Mrs. Keya Ghosh, Lecturer in Commerce (doj: 1.04.08)

• **Current Status of Faculty Members as on 1<sup>st</sup> June 2010**

Sl. No	Particulars	Total	Male	Female
1	Full-time (Regular)	29**	7	22
2	Full-time (Contractual)	12	1	11
3	Part-time	15	6	9
4	Visiting / Guest	15	14	1
<b>TOTAL</b>		<b>71</b>	<b>28</b>	<b>43</b>

\*\* Mrs. Sanghamitra Dutta was appointed for three months (February 2010 to April 2010) as a full-time faculty against leave vacancy of Dr. (Mrs.) Annalakshmi Chatterjee.

Besides these faculty members, eminent academicians were also invited to deliver lectures in the Department of Science

**f) Recruitment of Non-teaching, Technical and Administrative staff**

- **TECHNICAL STAFF**
  - i. Mr. Shambhu Nath Halder was appointed as the Chief Librarian at the main campus from 14<sup>th</sup> June 2010 in place of Ms. Dipa Roy who was appointed at the said post with effect from August 2009. Ms. Dipa Roy resigned from her post w.e.f 14<sup>th</sup> April 2010.
  - ii. Ms. Manjusha Ghosh, was appointed as assistant librarian at the main campus from 1<sup>st</sup> June 2010
  - iii. Mrs. Binapani Datta was appointed as the nurse at the health centre w.e.f form 1<sup>st</sup> April 2010 located at the main campus in place of Ms. Papri Gomes who resigned from the post in the month of April 2010. Ms. Gomes was appointed on 15<sup>th</sup> May 2009 and resigned on health grounds.
  - iv. Mrs. Minu Budhia was appointed as Psychological Counselor in Dept of Management w.e.f 1<sup>st</sup> February 2010.
  - v. Mrs. Manju Pachisia and Fuljhari Basu served the institute as psychological counselor at the main campus under a contract with KORNASH during semester-I and semester-II respectively.
  - vi. Ms. Sinthia Ghosh was recruited for four months (23<sup>rd</sup> November 2009 to 31<sup>st</sup> March 2010) against maternity leave of Mrs. Amrita Karmakar, laboratory assistant with the Department of Home Sceince.
- **ADMINISTRATIVE STAFF**
  - i. Mrs. Jayshree Shah was appointed as the Secretary to the Chief Administrator at the main campus on 1<sup>st</sup> April 2010.
  - ii. Ms. Chandrama Chottopadhyay has been appointed as the Examination Officer at the main campus w.e.f 1<sup>st</sup> June 2010

**2.5**

**Evaluation Process & Reforms**

New examinations rules were framed in consultation with the affiliating university for all the new undergraduate and postgraduate courses that were introduced from session 2009-2010.

## **CRITERION - III**

### **Research, Consultancy and Extension**

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#### **3.1 Promotion of Research**

##### **a) Role of the Research Committee:**

To encourage high quality research, the Research Committee undertook the following:

- i. Streamlining research activities undertaken under 'M.Sc Dissertations':
  - The proposal to have the external examiner for M.Sc dissertations from outside the city was approved by the Management and an amount was also included in the budget towards this expenditure.
  - Selection of dissertation topic would be made after a rigorous assessment and approval subsequent to the presentation conducted by the concerned student in the presence of the Research Committee
  - All theses would also be presented in standardized and streamlined format, which was also prepared by the committee after discussions and deliberations.
- ii. Hosting of the 28<sup>th</sup> Biennial conference of the Home Science Association of India: The Research Committee was instrumental in selection of oral and poster papers, preparation of the proceedings which included full length paper for the HSAI Conference held in January 2010.
- iii. Encouraging students to participate in research presentations: As an important step towards encouraging students to pursue research activities, a number of postgraduate students were encouraged to participate in research poster presentations at the at the HSAI conference.

##### **b) Minor Research Projects:**

- The following two projects were completed during 2009-2010:
  - i. A UGC sponsored MRP entitled '*An eco-friendly approach for the treatment of industrial effluents*' under Dr. (Ms.) Banani De, lecturer in Chemistry, Department of Home Science.
  - ii. A UGC sponsored MRP entitled '*Reliability and validity of life satisfaction scale of elderly parents with distant living adult children*' under Dr. (Mrs.) Soma Dasgupta, ex-lecturer in Economics and Statistics, Department of Home Science.

- Ongoing research proposals were prepared and efforts were made to submit them to the UGC
  - a) Ms Amita Dutta, Department of Home Science: *Adaptation of Indian Motifs found on Historical Monuments and Rural Indian Art to a Variety of Designs Suitable for Printing of Textiles*
  - b) Manushi Tewari: *Innovation and Diversification of Batik as a technique of Textile Printing*
  - c) Ms Shweta Tuteja, Department of Textile and Clothing: *Designing and Construction of Functional Garments for Individuals with Special Needs*

**c) Participation of Faculty Members in Research**

To encourage faculty members to participate in seminars, conferences as a part of research activities, they have been granted paid duty leave and all their expenses (travel, lodging including registration fee) have been reimbursed by the Institute. During the academic session 2009-2010 alone, 12 number of faculty members availed of this benefit and a total amount of Rs. 37,449 was spent towards the said expenses.

**d) Setting of an Instrumentation Centre/Laboratory**

To promote research activities a new state-of-the-art Instrumentation Centre/laboratory has been set-up and a large number of testing equipments purchased (*for details refer to Criteria-IV*). The Institute has allocated special funds for the purchase of equipments.

**3.2 Research and Publication Output**

- a) Compilation and release of a book of full-length research papers during the 28<sup>th</sup> Biennial Conference of the Home Science Association of India.
- b) Release of a collection of selected research papers from M.Sc dissertations.
- c) Printing of the annual college magazine
- d) Research Publications:
  - i. A Singh, Pratibha and S Tuteja, '*A Study on Preferential Behaviour of Young Girls towards Nightwear*', Textile Trends, 52 (7) (2009) p 33-34.
  - ii. D Singh, A Singh, S Tuteja and E Grover, '*Aesthetic Attributes of Nighty preferred by Ladies*', Asian Journal of Home Science, 4 (1) (2009) p 42-45.
  - iii. N Dubey, A Singh and S Tuteja, '*Bleaching Process of Cotton-Polyester Blended Fabric*', Textile Trends, 52 (2) (2009) p 25-26, 30.

- iv. A K Samanta, Priti Agarwal, Deepali Singhee and Siddhartha Dutta, '*Application of single and mixtures of red sandalwood and other natural dyes for dyeing of jute fabric: Studies on colour parameters/colour fastness and compatibility*', The Journal of the Textile Institute, Vol 100, No.7, October, 2009, p 565-587
- v. Chinniah A, Mohapatra S, Goswami S, Maha Patra A, Kar S K, Mallavadhan U V and Das PK, '*The Potential of Tephrosia Purpurea as Anti-helicobacterpylon Agent*', Journal of Ethnopharmacol, 124 (2007) p 642-645
- vi. Sumanta Bhattacharya, '*Factors Affecting Consumer Buying Behaviour of Shoes in Kolkata – a Case Study*', The IUP Journal of Management Research, 9 (4), 2010, p 39-60.
- vii. Sumanta Bhattacharya, '*Impact of Oil Price Shocks on Indian Stock Market*' in a book entitled International Business - Socio-Economic, Ecological, Political and Technological Trends and Dimensions edited by Dr. Francis Cherunilam, published by Himalaya Publishing Mumbai – 2010, p 271-277.
- viii. Shantanu P. Chakraborty '*The Efficient Forward Secured ID Based Signed Encryption Scheme*' published in 20<sup>th</sup> CSI Conference, p 45-48,

e) **Patents Developed**

Boruah R C, Borthkur M, Barthakur M G, Rao R G, Kar S K, Chinniah A, Goswami S and Das P K, '*Simultaneous Preparation of a Mixture of 3-Acetoxy-17-Acetamido-16-Formyl-Androst-5,17-Diene and 3-Acetoxy-2-Chloro-5-Androsten-17, 16-B Pyridine*', PCT/IN2009/000198, Pub No. WO/2009/122435 (2009)

f) **Papers presented by faculty members**

- Dr. Deepali Singhee, Department of Home Science presented a paper on '*Challenges Faced by Handloom Saris from Natural Fibres: A Threat to this Heritage of West Bengal*' all India seminar on 'Challenges in Technology and Market Development for Jute and other Natural Fibre Industry' organized by Textile Engineering Division, West Bengal State Centre, Institute of Engineers (India) on 14<sup>th</sup> November 2009
- Ms. Shivarati Bose, Sr. Lecturer, Department of Home Science presented a paper on '*Benefits and Safety of Iodized Salt*' at Lions Club, Deshapriya Park,

Kolkata organized by Kolkata Institute of Graphology (KIG) on 22<sup>nd</sup> November 2009.

- Dr. Nandita Das, Department of Home Science presented a paper entitled '*Perception of Psychological Problems Faced by Women at Menopause: Rural and Urban Experience*' at the International Conference on 'Integrative Physiology: Modern Perspective' & platinum jubilee celebration of the Physiological Society of India on 12<sup>th</sup> to 14<sup>th</sup> November 2009 at Kolkata.
- Dr. Deepali Singhee presented a paper on '*Study on application of selective UV-absorbers / antioxidant compounds by different techniques for improving the photo-stability of jute and jute-cotton union fabric*' at the 15<sup>th</sup> Biennial International Congress of Asian Regional Association of Home Economics held at Pune on 11<sup>th</sup> to 15<sup>th</sup> December 2009.
- Dr. Deepali Singhee was invited to deliver a lecture on '*Value Addition and Diversification of Handloom Products*' at the Workshop on '*Necessity of Value Addition and Diversification of Handloom Products for the better marketing scope of handloom weavers of Samudragarh-Dhatrigran (Burdwan) Handloom Cluster*' at Kalna (Burdwan) on 22<sup>nd</sup> January 2010. The workshop was sponsored by the Development Commissioner for Handlooms and the National Handloom Development Corporation Ltd. (NHDC), Lucknow. Technical support for the workshop was given by National Institute of Fashion Technology, Kolkata, Weaver's Service Centre, Kolkata, J D Birla Institute, Kolkata and Jayashree Textiles (Linen Division), Rishra, Hooghly.
- Dr Deepali Singhee, Department of Home Science presented a paper entitled '*Studies of Selective Chemical Treatment of Jute, Cotton and Jute-Cotton Union Fabrics*' at the 28<sup>th</sup> Biennial Conference of the Home Science Association of India held at J D Birla Institute in January 2010.
- A number of faculty members presented research posters at the HSAI Conference:
  - i. Indrani Biswas, *Nutritional Status and Its Implication on Health: A Prevalance Study on BPO Workers of Kolkata.*
  - ii. Komal Sharma, *A study on use of Mobile Phone amongst College Students in Kolkata.*
  - iii. Ishita Biswas, *Middle Income Group Families and non-working wife and their Income and Expenditure Pattern- A Comparative Study.*

- iv. Nandita Das, *An Analysis of the Occurrence of Carpal Tunnel Syndrome among Men and Women using Computers.*
- v. Punam Mehra, *A Study of Achievement Motivation and Study Habits of Bengali Medium and English Medium Adolescent Girls.*
- vi. Krishnakali Bhattacharya, *A Study of Personality, Rigidity and Leadership Preference of Undergraduate Commerce Students.*
- vii. Samita Gupta, *A study on Buying Behaviour and Construction of Jeans for Females According to Preference.*
- viii. Manushi Tewari, *Probing Entrepreneurial Qualities of Students in Professional and Non-Professional courses Studying Fashion and Textiles.*
- ix. Smita Parekh, *Comparative Study of Non-working and Working wives on the Role played by them in the selection of their husband's Clothing.*
- x. Shweta Tuteja, *Designing of Utility Garments for Spastic Persons.*
- xi. Deepali Singhee, *Studies on repeated Dyeing of Silk with Red Sandalwood Using Selective Mordants.*
- The following papers were selected; however due to unavoidable circumstances, the respective faculty members would not be able to participate in the International Federation of Home Economics Council 2010 to be held at Ireland in July 2010.
  - i. 'Training of Street Food Vendors: Need of the hour' by Mrs. Lilu Mancha, & Mrs. Komal Sharma - selected for Oral Presentation.
  - ii. 'Challenges Faced by Handloom Saris from Natural Fibres: A Threat to the Heritage of West Bengal, India' by Dr. Deepali Singhee - selected for Poster Presentation.
  - iii. 'Consumers and Future of Street Food' by Mrs. Komal Sharma and Mrs. Lilu Mancha, - selected for Poster Presentation.
  - iv. 'Indian Spices – A Key to Indian Cooking and Healthy Living' by Ms. Shivarati Bose - selected for Poster Presentation.

### 3.3 Consultancy

Nil

### 3.4 Extension Activities

A number of extension activities were organized in collaboration with other agencies/NGOs

- a) The NSS-wing and Helping Hands organized an *exhibition-cum-sale* in association with Ankurkala, a woman's centre (an NGO) on 26<sup>th</sup> and 27<sup>th</sup> August 2009. Various handmade products made by destitute women like tie-dyed dress materials, bags, wallet, soft toys, stationery, jams, pickles and sauces displayed and sold. Students and faculty members showed enthusiasm and encouraged members of the NGO by purchasing products made by them.
- b) A workshop on '*Personal hygiene, sanitation and ill effects of tobacco products*' was organized for the class-D staff of the Institute on 12<sup>th</sup> March 2010. 16 staff members attended the event. The programme included a power point presentation on ill effects of tobacco followed by an interactive session. Members were also given a set of personal hygiene items for daily personal use.
- c) A presentation on '*Good Cooking methods and preparation of low cost nutritious food*' was conducted for mothers at Institute of Psychological Education Research (IPER) Kolkata on 18<sup>th</sup> March 2010 at IPER. The presentation was conducted to make the mothers aware about the necessity of personal hygiene and sanitation while preparing food and feeding children.
- d) 19 class-D staff members attended a presentation on the '*Role of diet and exercise in maintaining health*' on 29<sup>th</sup> March 2010 followed by a quiz. All members participated enthusiastically and were gifted nutritious food items as prizes. After an interactive session, they were also served some low cost food items. The presentation was conducted to make members aware about the importance of various nutrients like protein, carbohydrates, fats, vitamins and minerals in growth and development.
- e) During the HSAI Conference, the Institute partnered with local and state level craftsmen through the Directorate of Micro and Small Scale Enterprise, Micro and Handicraft Section and organized a fair '*Rangamati Mela*' for sale of handcrafted textiles, jewellery and other products from the state of West Bengal with an objective to promote Bengal handicrafts and the local craftsman from the state.
- f) As a part of their course, M.Sc students from Textiles and Clothing section had undertaken an outreach programme with Disha International, an NGO for slum

children. The students have taught the slum children to make paper bags with embellishments using various techniques.

- g) Final year students of Human Development section conducted a session on collage making and designing of wrapping paper for the slum children at Disha.
- h) First and final year students of the Department of Food Science and Nutrition Management conducted a dietary survey and took anthropometric measurements at CINI, Pailan to detect the nutritional status and identify the existing communicable diseases in the community.

### 3.5 Collaboration

- a) The Institute entered into collaboration with Medica Multispeciality Hospital where the latter would provide internship options and other assistance (lectures by specialists and consultants from the hospital) to the students of Department of Food Science and Nutrition Management.
- b) An MOU has been signed between J D Birla Institute and Sunburst Systems Pvt. Ltd (referred to as ARENA Animation) to initiate a course on Digital Design at the Institute premises under a collaborative nature.
- c) Another MOU has been signed between P S Group Realty Ltd. and J D Birla Institute where the former would organize workshops wherein non-residents Bengalees would be sharing their experiences, expertise and success stories with students to inspire them as a part of their CSR initiative named ‘Powering Scholastic Growth’.

## CRITERION - IV

### Infrastructure and Learning Resources

#### 4.1 Physical Facilities

- **Details of the Laboratories**

The following additions were made during the academic session 2009-2010:

- a) **Computer Aided Design Studio:** A newly furnished laboratory equipped with 22 computer with LAN and internet connections was set-up at the 3<sup>rd</sup> floor of the main campus in place of a class room
- b) **Instrumentation Centre:** The existing Biochemistry & Food Microbiology laboratory has been merged with the Chemistry laboratory since there has been less stress on of the latter in the new curriculum of all the departments. In its place, a new state-of-the-art instrumentation centre is being set-up that would enable students and faculty members to carry out research in a conducive environment.

- **Infrastructural Facilities Added**

- a) **Canteen:** A new tie-up has been made with M K Singhal in addition to Coffee Day to provide a larger variety of menu to students and staff of the college.
- b) **Utility Store:** A new agreement has been signed where M/s Ritwik Commercial (Masterjee's Shop) would be running a store inside the campus for the benefit of the staff and students of the Institute
- c) The old fax machine has been replaced by a new photocopying-cum-fax machine at the Principal's Office. Another photocopy machine (Canon make) was also purchased and installed at the LRC at the satellite campus
- d) **Air-conditioners:** In total 14 numbers of classrooms has been air conditioned as requested by students. The air conditioning of the remaining classroom and certain labs would be executed once the new transformer is installed.
- e) **Computers:** A number of desktop computers and laptops have been purchased (*for details refer to 4.4*).
- f) **LCD Projectors:** 8 classroom have been fitted with LCD projectors to facilitate use of technology in teaching-learning
- g) **Testing Equipments:** a number of equipments and instruments have been purchased (*for details refer to Annexure*)
- h) **Furniture:** New furniture has been constructed or purchase readymade (*for details refer to Annexure*)

#### **4.2 Maintenance of Infrastructure**

- **Budget Allocation for Maintenance in the last year (Rs. in Lacs)**
  - i. Land - Nil
  - ii. Building – 15 Lacs
  - iii. Furniture – 2 Lacs
  - iv. Equipment – 0.8 Lacs
  - v. Computers – 4.3 Lacs
  - vi. Vehicles – 0.85 Lacs

#### **4.3 Library as a Learning Resource**

- **Automation & Cataloguing:** All the books at the Library at the main campus have been catalogued and classified. The data entries for all the books at the LRC of the main campus and the satellite campus have been completed. The Libsys software has been installed and bar-coding scanners have been purchased.
- **Purchase of DDC:** Dewey Decimal Classification Scheme (DDC/OCLC – 22<sup>nd</sup> edition) published by Aryan Publishing Co. Pvt. Ltd. and worth Rs. 22,484/- was purchased.
- **Total Expenditure (in Rs) on Books in all Departments during the last year**

Dept of Sciences – Rs. 3,06,118/- (526 new books)  
Dept of Commerce – Rs. 1,65,063/- (535 new books)  
Dept of Management – Rs. 9,65,000/- (4,348 new books)  
**TOTAL - 14,36,181/- (5,409 new books)**
- **Total Expenditure (in Rs) on Journals in all Departments during the last year**

Dept of Sciences – Rs. 11765/-  
Dept of Commerce – Rs. 7550/-  
Dept of Management – Rs. 98,671/- (includes subscription to online journal)  
**TOTAL – 1,17,986/- (one new journal was subscribed)**
- **Ratio of Library budget to the total Budget**

Has increased to 3.11% from 1.70% during the last academic session
- **Average number of faculty visiting the library/day:**

Main Campus: 4  
Satellite Campus: 16
- **Average number of students visiting the library/day:**

Main Campus: 66

- **Satellite Campus: 95**
- **Status of Automation of the Library**  
Currently the process for automation is on
- **Average number of books issued/returned per day**  
Main Campus: 27  
Satellite Campus: 110
- **Ratio of library books to the number of students enrolled**  
19 : 1

#### 4.4 ICT as learning resources

- **Provision Made in the Annual Budget for Update, Deployment and Maintenance of Computers in 2009-2010**  
Rs 4.30/- Lacs
- **Details on the Available Hardware**  
The following additions were made during 2009-2010:
  - a) Laptops (HP Compaq 510) at the main campus: 9 nos
  - b) Desktop computers with LCD monitors at the main campus: 16 nos
  - c) Desktop computers at the satellite campus: 46 nos
- **Details on the Software purchased during academic session 2009-2010**
  - i. FACT (Version 37.21)
  - ii. Adobe Photoshop Extended (S411.OWINA00) – multiuser
  - iii. Auto desk – Education Suite for Architecture and Engineering 2010 – multiuser
  - iv. Corel Draw Graphics Suite X 4-multiuser

#### 4.5 Other Facilities

- a) **Is there a Workshop / Instrumentation Centre?**  
Yes, for details refer to details of laboratories, 4.1

- b) **Are there student Hostels?**

The Institute currently does not have any hostel facilities; however efforts are being made to tie-up with PG-accommodation centers to provide accommodation facilities to outstation students. A meeting with several vendors to this effect has already been made.

**c) Security**

Security at the Institute has been briefed-up and security guards from a reputed organization have been hired to man the main entrance of both the campuses.

**d) Website AMC**

The Institute has entered into an AMC agreement with Magic Nines to keep the website of the Institute updated.

## CRITERION - V

### Student Support and Progression

#### 5.1 Student Progression

- Student Strength for academic session 2009-2010

Student Enrolment	UG	UG (Management)	PG (Home Science)	Diploma/Certificate	Short Term Courses
	F	M	F	F	F
Number of students from the same state where the college is located	981	236	38	37	86
Number of students from other states	96	5	12	NIL	NIL
Number of NRI students	1	NIL	NIL	NIL	NIL
Number of foreign students	3	NIL	NIL	NIL	NIL

- Socio-economic profile for academic session 2009-2010

- a) General → 1,359
  - b) SC / ST / OBC → 13
- TOTAL → 1,372**

- Dropout Rate in UG and PG (2009-2010)

- a) UG (Batches: 2007- 2010)

Department of Home Science → 24 out of 84 (28.57 % dropout)

Department of Commerce → 0 out of 150 (0 % dropout)

Department of Management → 8 out of 162 (4.93 % dropout)

- b) PG (Batches: 2008 - 2010)

Department of Home Science → 2 out of 20 (10 % dropout)

- Examination Results (2008-2009) including the supplementary results

Details	Home Science		Commerce	Management
	UG	PG	UG	UG
Pass Percentage	100%	84.6%	93.0%	90%
Number of first classes	62	10	116	112
Number of distinctions	62	10	116	53
Ranks (if any)	1	2	1	1
<i>Results for academic session 2009-2010 is awaited</i>				

- Student's progression to further studies and employment

Departments		Number of students interviewed	Progression to higher studies	Employed
Home Science	Graduate	77	49 (63.3%)	9 (11.6%)
	Postgraduate	13	2 (15.38%)	8 (61.53%)
Commerce	Graduate	152	126 (81.29%)	16 (10.52)
<i>The data is based on the number of students that could be contacted</i>				

## 5.2 Student Support

### a) Psychological Counselling:

Both the campuses have counsellors who help students tide over distressed times.

First and final year students from the Department of Sciences were oriented on the ‘importance and benefits of counseling’ on 6<sup>th</sup> February 2010 by Mrs. Fuljhari Basu counselor from KORNASH - Life Skills Management Institute. Students were briefed on stress management, factors related to stress, to identify them and how counseling could help them in coping with life’s demands. The session proved to be interactive and students were informed about the time and date when the counselor would be available at the college campus for their benefit. Students appreciated the facility provided to them by the College Management.

### b) Career Counselling:

- Seminar on ‘Career Opportunities for Commerce Students – Looking Beyond the Horizons’: A seminar was organized to enlighten the students and create awareness amongst them regarding the various non-conventional career opportunities. Representatives from the Chopras (Foreign Education Consultants) and the Kredent Capital Market Academy through their presentations gave valuable insight on education abroad and the future outlook of the capital markets respectively.
- The Chairperson of Sukriti Education Society, Mr. S.K. Birla accompanied by Mrs. Birla addressed and motivated the outgoing batch of students from all the three Departments on 11<sup>th</sup> February 2010 stressing on their role as responsible citizens of India.
- HSAI Conference: An Interactive Session held during the HSAI Conference gave an opportunity to the undergraduate and postgraduate Home Science students to exchange ideas with experts from their respective fields. The

students posed queries on career openings outside Kolkata, the prospects in various courses and possibilities of further studies

**c) Book Bank**

A book bank facility has been instituted at both the campuses; at the satellite campus reading material is provided to students for an entire semester. At the end of the semester, students can return the books and get their money refunded.

**d) Earn While you Learn**

A number of students have availed of this scheme since its inception in August 2010. Students have provided their services in the library and have earned from this.

**e) Accidental Insurance**

All students and teaching staff of the Institute are covered under accidental insurance; recently, three students have applied for reimbursement under this scheme.

**f) New Add-on Courses**

The Institute is continuing to offer several add-on courses for skill enhancement.

**g) Freeship:**

Departments	No. of Students	2009-2010
Department of Home Science	2	44,100/-
Department of Commerce	2	35,100/-
Department of Management	3	1,09,000/-
<b>TOTAL (amount)</b>		<b>1,88,200/-</b>

**h) Provision for acquiring Computer Skills / literacy**

Basic computer course has also been included as a compulsory paper in the 1<sup>st</sup> semester of all the new undergraduate programmes introduced during 2009-2010. In addition, the following relevant computer courses have been introduced in the following departments

Department	Course	Semester
B.Sc (Hons) in Interior Designing	Computer Aided Designing	3
	Coral Draw & Photoshop	4
	3 D MAX	6
B.Sc (Hons) in Textile Science, Clothing & fashion Studies	Computer Application in Graphic Designing	5
	Computer Aided Designing	6

### 5.3 Students' Activities

#### a) Alumni Activities

- Alumni Reunion and Batch 2010 meet was organized by the Alumni Association on 27<sup>th</sup> March 2010 (Saturday) at the main campus of the Institute. Nine new members were registered and the current students and were made aware about the association.
- The Alumni Association organized a Book Fair organized in March 2010. (*for details refer to 2.3*)
- The Alumni Association sponsored ten awards instituted during the HSAI Conference for best oral and poster presentation in all five specialization of Home Science.

#### b) Students Awards

<b>Gurukul Awards organized by Lions Club of Kolkata, Mother Teresa Sarani on 8<sup>th</sup> August 2009</b>	
Creative Writing	1 <sup>st</sup>
Sudoku	1 <sup>st</sup>
Antakshari	Runner's Up
<b>Nutrifest-21' organized by KPC Medical College, Jadavpur on 23<sup>rd</sup> to 22<sup>nd</sup> September 2009</b>	
Quiz on Cardiac Health	2 <sup>nd</sup>
Poster on Diarrhoea	2 <sup>nd</sup>
<b>Gurukul Inter Educational Institute's Fest held on 8<sup>th</sup> to 14<sup>th</sup> August 2009</b>	
T-Shirt Painting	1 <sup>st</sup>
Panel Discussion	Runners Up
Crossword Challenge	Runners Up
Photography	1 <sup>st</sup>
Fashion Show	1 <sup>st</sup>
Group Dance	1 <sup>st</sup>
<b>Inter-college 'Business Plan Competition' organized by St. Xavier's college - Commerce Society on 3<sup>rd</sup> of November 2009</b>	
overall	3 <sup>rd</sup>
<b>Xavotsav-2010, an inter college fest organized by St. Xavier's College on 23<sup>rd</sup> and 24<sup>th</sup> January 2010</b>	
Documentary	1 <sup>st</sup>
Rags to riches	1 <sup>st</sup>
Tug of war	3 <sup>rd</sup>
Non-fire cooking	3 <sup>rd</sup>
Make your headline	3 <sup>rd</sup>
<b>Srijan, an inter college fest organized by Shri Shikahayatan College on 31<sup>st</sup> January 2010</b>	
Treasure Hunt	1 <sup>st</sup>
Sudoku	1 <sup>st</sup>
Tug of war	1 <sup>st</sup>
Power Point Presentation	2 <sup>nd</sup>
Tatoo Designing	2 <sup>nd</sup>
Photography	2 <sup>nd</sup>
<b>SPECTRUM 2010, a fest organized by NIFT, Kolkata from 10<sup>th</sup> to 12<sup>th</sup> February 2010</b>	
Fashion Show	1 <sup>st</sup>

T-Shirt Design	1 <sup>st</sup>
Photography	3 <sup>rd</sup>
<b>INSIGNIA: 2010</b> , an inter college fest organized by St. Xavier's College on 17 <sup>th</sup> and 18 <sup>th</sup> February 2010	
Vitruvius	3 <sup>rd</sup>
Human Resource Management	
Systemate Mundi Corporate Law	3 <sup>rd</sup>
Caravet Cartel Oligopoly	
Drake Corporate Treasure Hunt	

**c) Students' Activities Organized by the Institute**

- **Entrepreneurial Skills and Fundraising:** Students participated in fund raising at the HSAI conference by handcrafting items and selling them at the Crafts Bazaar.
- **LN Birla Debate:** The 10<sup>th</sup> Inter-Institutional L N Birla debate was organized by the Institute on 20<sup>th</sup> August 2009 at the Vidya Mandir Auditorium. The topic of the debate was 'The current recession is not a reality'.
- **Green Biz Quiz:** Students of J D Birla Institute (Department of Management) participated in the GREEN BIZ QUIZ held on April 22, 2010.
- **Interdepartmental Chess and Carrom competition** was held on 17<sup>th</sup> September 2009 at the main campus
- **Sudoku competition:** To encourage students to develop their logic skills a Sudoku competition was organized for students (Departments of Sciences and Commerce). The competition was divided into 3 levels (diabolic, moderate and simple) and 10 students from each of the two departments participated at each level.
- **Inter-departmental Badminton Competition:** Although the annual sports could not be organized this year, students participated in the Inter-departmental Badminton Competition (singles and doubles) that was organized on 12<sup>th</sup> March 2010 at the main campus. 80 students participated from all the departments and the winners were duly awarded.

**d) Student's Council Election results for the session 2009-2010:**

The Students' Council election was conducted on 22<sup>nd</sup> July 2009 for both the Departments of Home Science & Commerce.

**CRITERION - VI**  
**Governance & Leadership**

**6.1 Institutional Vision and Leadership**  
Same as before

**6.2 Organizational Arrangement**

Dates of meetings of Academic and Administrative Bodies during 2000-2010

Governing Body	9.7.09, 5.9.09 & 6.3.10
IQAC	26.8.09
Staff Ex-Com	10.8.09, 11.11.09, 6.2.10, 4.3.10 & 8.4.10
Academic Council	2.8.09

**a) Governing Body Meetings**

9 <sup>th</sup> July 2009	Approved the new curriculum and syllabi of M.Sc in Textile and Clothing, in Food and Nutrition and P G Diploma in Hospitality Management. The core team for preparation of NAAC report (RAR) was finalized.
5 <sup>th</sup> September 2009	The merits and drawbacks of the evaluative observation made by the previous NAAC peer team in 2004 were discussed. “Students Feedback System” to be introduced in the Department of Management. Confirmed the appointments of new faculty members in all the three Departments. Increase the number of scholarships from three to six in the Department of Commerce.
6 <sup>th</sup> March 2010	Confirmed the appointment of full time and part time faculty members. Discussed the details of the 28 <sup>th</sup> Biennial Conference of the Home Science Association of India held at the Institute from 7 <sup>th</sup> to 9 <sup>th</sup> January 2010.

**b) IQAC**

26 <sup>th</sup> August 2009	Ms. Saba Shamim was appointed as member of the IQAC Evaluative observations by the last NAAC peer team were listed Plan of action of the departments for the next five years were discussed Dates for NAAC peer team visit were discussed
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**c) Staff Executive Committee Meetings**

10 <sup>th</sup> August 2009	To constitute a selection committee comprised of the Chief Administrator, Principal, Head of the concerned department and two subject experts in the relevant field of study (both these experts would have to be from outside college) for selection of faculty members.
11 <sup>th</sup> November 2009	To provide scholarship to a maximum of 3 meritorious students at the entry point of admission in the Department of Management from 2010-2011.
6 <sup>th</sup> February 2010	To circulate notice regarding implementation of CAS among faculty members. To install ERP software for the library.
4 <sup>th</sup> March 2010	Approve almanac for session 2010-2011. To send one faculty member to present a paper at IFHE Conference at Ireland.
8 <sup>th</sup> April 2010	To give, the faculty registered for her PhD, a day off per week to carry out research activities. Full time faculty members should attend lectures by visiting faculty /experts.

**d) Minutes of Academic Council Meetings**

2 <sup>nd</sup> July 2009	To merge students' identity cards with library card and to have exclusive identification number.
	An undertaking on ragging would be distributed to all students which would be signed by the students and their parents
	All events organized by the institute would be held for all departments separately from the forthcoming session
	Duty chart for faculty members for session 09-10 would be prepared in consultation with the members

6.3

**Strategy Development & Deployment**

<b>Library Advisory Committee</b>	
19 <sup>th</sup> February 2010	To merge students' identity cards with library card and to have exclusive identification number. To speed up the process of classification of books. To initiate a pilot project on automation at the LRC, Satellite campus. To install INFLIBNET on approval by the managing committee of the Institute. To organize a Book Bazar at the main campus.
<b>Research Committee</b>	
14 <sup>th</sup> January 2010	An orientation session for students to be held for selection of research topic for final year dissertation and dates for submission and experimental work was fixed
19 <sup>th</sup> April 2010	M.Sc. students would have to give a presentation on the research topic they intend to work. Date of presentation, submission of review of literature and completed dissertation were fixed.
<b>Admission Committee</b>	
22 <sup>nd</sup> April 2010	Dates for commencing and closing the issuing of admission forms were finalized as 5 <sup>th</sup> May 2010 and 15 <sup>th</sup> June for the Department of Home Science and 3 <sup>rd</sup> May and 7 <sup>th</sup> June For the Department of Commerce respectively To select students according to merit in the Department of Home Science.
<b>Examination Committee</b>	
10 <sup>th</sup> September 2009	Communication of examination rules to faculty
19 <sup>th</sup> November 2009	Rules on invigilation during internal and final examinations communicated to faculty
26 <sup>th</sup> February 2010	Moderation procedure communicated to members
<b>Time- Table Committee</b>	
24 <sup>th</sup> April 2009	Respective faculty members were allotted classes for subjects being taught in B.Sc, M.Sc and B.Com. Number of classes to be taken by each permanent faculty member was finalized at 24 classes per week.
20 <sup>th</sup> November 2009	Allocation of classes to each faculty members was made. Room allotment and laboratory allotments were finalized taking into account B.Com, B.Sc and M.Sc classes. Part time faculty members' classes were also finalized according to their convenience.
<b>NSS</b>	
4 <sup>th</sup> April 2009	200 students were appointed as NSS volunteers from the departments of Home Science and Commerce under the two NSS programme. Decision to hold a workshop by Kripa Foundation Decision to hold a poster competition on 'Creating Awareness on

	<b>Menace of Substance Abuse'.</b>
27 <sup>th</sup> February 2010	It was decided that a presentation will be conducted by NSS members of J.D.Birla Institute eith the Clss-D staff of the Institute
10 <sup>th</sup> March 2010	A presentation will be conducted by NSS members of J.D.Birla Institute for mothers at Institute of Psychological Educational Research (IPER) Kolkata for the mothers to make them aware about the necessity of personal hygiene & sanitation while preparing food and feeding children.
20 <sup>th</sup> March 2010	A power point presentation will be conducted by NSS members of J.D.Birla Institute for Class IV staff of the institute to make them aware about the importance of various nutrients
<b>Extra Curricular and Co-Curricular Committee</b>	
6 <sup>th</sup> July 2009	A duty chart for faculty members to conduct extra curricular and co curricular activities in the college was prepared. Indoor Games (Sudoku, Chess, Carrom) finals would be carried out on 15.8.09 and 17.9.09.
28 <sup>th</sup> August 2009	A seminar on Career Opportunities for commerce students – Looking Beyond the Horizon to be held on 12.09.2009 proposing a chief guest Prof. Bishwajit Chatterjee, Dean, Faculty Council of Arts, Jadavpur University.
19 <sup>th</sup> September 2009	Annual show would be held on 6 <sup>th</sup> November 2009 and the allocation of the sanctioned budget for different activities involved in this event was finalized. Suggestions for the chief guest for the annual show were taken.
11 <sup>th</sup> January 2010	Decision was taken not to hold the outdoor sports for the session 09-10. Decision was taken to give the sports awards to the students on the farewell day of the final year students on 23.4.10.

#### 6.4 Human Resource Management

- Performance assessment for faculty & staff

##### 1. CAS

The college has decided to proceed with implementing CAS as per UGC directives

##### 2. Welfare measures for staff & faculty

- Refer to 3.1 ( c ) for duty leave given to faculty members
- A workshop on '*Personal hygiene, sanitation and ill effects of tobacco products*' was organized for the class-D staff of the Institute on 12<sup>th</sup> March 2010.
- To make members aware about the importance of various nutrients like protein, carbohydrates, fats, vitamins and minerals in growth and development, a presentation on the '*Role of diet and exercise in maintaining health*' was made for the Class-IV staff on 29<sup>th</sup> March 2010 followed by a quiz and were gifted nutritious food items as prizes.

## **6.5 Financial management & Resource Mobilization**

### **a) Development Grant**

Although the Institute has received an amount of Rs. 6,55,856/- as ‘on-account grant’ under the 11<sup>th</sup> plan period, the release of further grants was stopped due to an order by the HRD to the UGC which debars all self funded colleges from receiving any financial grants from the UGC; this was the explanation that was given to the Institute prior to the Interface meeting by the Eastern regional UGC office at Kolkata. The Institute had been receiving aid for purchasing equipments and books from the UGC since the last 20-25 years. In fact the office also refused to accept the research projects proposed by the Institute. Currently the matter is being taken up with the UGC by the affiliating University.

### **b) Income and Expenditure for 2009-2010**

<b>Expenditure</b>	<b>Rs.</b>	<b>Income</b>	<b>Rs.</b>
Salaries and allowances (including PF & pre-requisites)	243.92	Tuition fees	513.40
Staff Welfare expenses	3.21	Other fees	NIL
Contribution to the employees gratuity fund	12.05	Admission fees	104.27
Repairs and maintenance	28.23	Short-term class fees	13.70
Rent	30.00		
Rates & Taxes	0.19		
Laboratory expenses	4.17		
Short-term expenses	3.14		
Miscellaneous expenses	143.98		
Audit fee	0.14		
Depreciation	22.00		
Surplus	140.34		
<b>Total</b>	<b>631.37</b>	<b>Total</b>	<b>631.37</b>

### **c) Financial resources of the college (financial year 2009-2010)**

% spent on the salaries of faculty	31.22%
% spent on the salaries of non-teaching employees including contractual workers	17.47%
% spent on books and journals	3.11%
% spent on Building development	6.83%
% spent on hostels, and other student amenities	
% spent on maintenance – electricity, water, telephones, infrastructure	3.51%
% spent on academic activities of departments – laboratories, green house, animal house, field trips etc.	0.88%
% spent on research, seminars, etc.	2.48%
% spent on miscellaneous expenditure	35.40%

## CRITERION - VII

### Innovative Practices

#### **7.1 Internal Quality Assurance System**

The Institute continues to ensure quality assurance through the IQAC, committees and sub-committees to oversee smooth administration while adhering to basic objectives and goals of the Institute and the values envisioned by NAAC. To ensure that the new undergraduate Home Science curricula abide by the core values approved by NAAC to add value to the quality enhancement of students, all courses have Environmental Ethics as a compulsory paper.

#### **7.2 Inclusive Practices**

- Percentage of the student categories**

SC	0.2%
ST	1.3%
OBC	0.2%
Women	84.2%
Differently-abled	0.2%
Rural	0%
Tribal	0%

- Percentage of the following category of staff**

Categories	Teaching	Non Teaching
Total no. of teaching staff	71	53
Total number of SC	0	5
Total no. of ST	0	0
Total no. of OBC	0	0
Total no. of women	43	15
Total no. of physically handicapped	0	0
Physically handicapped	0	0
General category	71	48
Any other	0	0

- Gender Balance - students and staff**

Category of Staff	Male	Female	Ratio Male : Female
<b>STUDENTS</b>			
Department of Home Science (all girls)	0	151	NA
Department of Commerce (all girls)	0	236	NA
Department of Management (co-educational)	87	76	1:1
<b>STAFF MEMBERS</b>			
Teaching Staff	28	43	1:2
Administrative & Technical Staff	14	13	1:1
Class-D staff	24	2	12:1

#### **7.3 Stakeholder Relationships**

To support and strengthen neighbourhood communities, the tasks undertaken during the last year are as specified under ‘Extension Activities’ in Criteria III

## Department of Science (Data for 2009-2010)

- **Graduate Courses:** B.Sc (Hons) in Home Science; B.Sc (Hons) in Food Science & Nutrition Management; B.Sc (Hons) in Human Development; B.Sc (Hons) in Interior Designing and B.Sc (Hons) in Textile Science, Clothing & Fashion Studies
- **Postgraduate Courses:** M.Sc in Home Science with specialization in Composite Home Science; M.Sc in Home Science with specialization Resource Management; M.Sc in Home Science with specialization in Human Development; M.Sc in Home Science with specialization Textiles & Clothing and M.Sc in Home Science with specialization Food & Nutrition

### C. Profile of the Departments (If applicable)

		<i>Responses</i>	
1.	Name of the Department	<b>Sciences</b>	
2.	Year of Establishment	<b>1963</b>	
3.	Number of Teachers sanctioned and present position	<b>18</b>	<b>21 (16 FT-P &amp; 5 FT-C)</b>
4.	Number of Administrative Staff	<b>1 + 9* = 10</b>	
5.	Number of Technical Staff	<b>2 + 4* = 6</b>	
6.	Number of Teachers and Students	<b>32:290</b>	
7.	Demand Ratio (No. of seats : No. of applications)	<b>1:1.6 (270 seats : 434 applications)</b>	
8.	Ratio of Teachers to Students	<b>1:9 (approx)</b>	
9.	Number of research scholars who had their master's degree from other institutions	<b>NIL</b>	
10.	The year when the curriculum was revised last	<b>2006</b>	(all M.Sc programmes)
11.	Number of students passed NET / SLET etc. (last two years)	<b>NIL</b>	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	<b>For UG: 100% (session 2008-2009)</b>	<b>For PG: 84.61% (session 2008-2009)</b>
13.	University Distinction / Ranks	<b>62 (Distinctions)</b>	<b>3 (Ranks)</b>
14.	Publications by faculty	<b>5</b>	
15.	Awards and recognition received by faculty	<b>3</b>	
16.	Faculty who have attended National and International Seminars	<b>21 (National)</b>	<b>3 (International)</b>
17.	Number of National and International seminars organized	<b>1 (National)</b>	<b>NIL (International)</b>
18.	Number of teachers engaged in consultancy and the revenue generated	<b>NIL</b>	<b>NIL</b>
19.	Number of Ongoing projects and its total outlay	<b>NIL</b>	<b>NIL</b>
20.	Research projects completed during last year & its total outlay	<b>2</b>	<b>Rs. 1,07,000</b>
21.	Number of inventions and patents	<b>NIL</b>	<b>1</b>
22.	Number of PhD theses guided during the last year	<b>NIL</b>	
23.	Number of Books in the Departmental Library, if any	<b>526 (added)</b>	
24.	Number of Journals / Periodicals	<b>1 (added)</b>	
25.	Number of Computers	<b>16 desktops &amp; 8 laptops * added</b>	
26.	Annual Budget	<b>Rs. 133.06 lacs</b>	

\* Shared by Home Science & Commerce Departments.  
FT-P - Full-time permanent, FT-C - Full-time contractual

## Department of Commerce (Data for 2009-2010)

### C. Profile of the Departments (If applicable)

	Responses	
1. Name of the Department	<b>Commerce</b>	
2. Year of Establishment	<b>1997</b>	
3. Number of Teachers sanctioned and present position	<b>11</b>	<b>9 (5 FT-P &amp; 4 FT-C)</b>
4. Number of Administrative Staff	<b><math>1 + 9^* = 10</math></b>	
5. Number of Technical Staff	<b>4*</b>	
6. Number of Teachers and Students	<b>9 : 615</b>	
7. Demand Ratio (No. of seats : No. of applications)	<b>225 : 917 (1:4)</b>	
8. Ratio of Teachers to Students	<b>1: 68 approx</b>	
9. Number of research scholars who had their master's degree from other institutions	<b>NIL</b>	
10. The year when the curriculum was revised last	<b>2003</b>	
11. Number of students passed NET / SLET etc.	<b>NIL</b>	
12. Success Rate of students (What is the pass percentage as compared to the University average?)	<b>93.01% (session 2008-2009)</b>	
13. University Distinction / Ranks	<b>116 (Distinctions)</b>	<b>1 (Ranks)</b>
14. Publications by faculty	<b>NIL</b>	
15. Awards and recognition received by faculty	<b>1</b>	
16. Faculty who have attended National and International Seminars/Conference	<b>9 (National)</b>	<b>0 (International)</b>
17. Number of National and International seminars organized	<b>0 (National)</b>	<b>0 (International)</b>
18. Number of teachers engaged in consultancy and the revenue generated	<b>NIL</b>	
19. Number of Ongoing projects and its total outlay	<b>NIL</b>	<b>NIL</b>
20. Research projects completed during the last year & its total outlay	<b>NIL</b>	<b>NIL</b>
21. Number of inventions and patents	<b>NIL</b>	
22. Number of PhD theses guided during the last year	<b>NIL</b>	
23. Number of Books in the Departmental Library, if any	<b>535 (added)</b>	
24. Number of Journals / Periodicals	<b>1 (added)</b>	
25. Number of Computers	<b>16 desktops &amp; 8 laptops * added</b>	
26. Annual Budget	<b>Rs. 224.74 Lacs</b>	

*\* Shared by Home Science & Commerce Departments,  
FT-P - Full-time permanent, FT-C - Full-time contractual*

## Department of Management

C. Profile of the Departments (If applicable)		
	Responses	
1. Name of the Department	Management	
2. Year of Establishment	2002	
3. Number of Teachers sanctioned and present position	6	11 (8 FT-P & 3 FT-C)
4. Number of Administrative Staff	5	
5. Number of Technical Staff	5	
6. Number of Teachers and Students	30 : 467	
7. Demand Ratio (No. of seats : No. of applications)	1: 6 (150 seats : 843 applications)	
8. Ratio of Teachers to Students	1: 16 approx	
9. Number of research scholars who had their master's degree from other institutions	NIL	
10. The year when the curriculum was revised last	November 2009	
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?)	90% (session 2008-2009)	
13. University Distinction / Ranks	53 (Distinctions)	1 (Rank)
14. Publications by faculty	3	
15. Awards and recognition received by faculty	1 (National)	
16. Faculty who have attended National and International Seminars	0 (National)	0 (International)
17. Number of National and International seminars organized?	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 & its total outlay	NIL	NIL
21. Number of inventions and patents	NIL	NIL
22. Number of PhD theses guided during the last years	NIL	
23. Number of Books in the Departmental Library, if any	4348 (added)	
24. Number of Journals / Periodicals	1 (E-Journal added)	
25. Number of Computers	46 (added)	
26. Annual Budget	Rs. 273.02 Lacs	

*FT-P - Full-time permanent, FT-C - Full-time contractual*

## **Highlights of the Achievements Made by Institute During 20091-2010**

1. Introduction of several undergraduate and postgraduate courses with advanced curriculum.
2. Revision and upgradation of existing B.Com. and B.B.A. syllabus is under process
3. Increase in the seats in the Department of Management.
4. Improvement in infrastructure
  - a) Setting-up of an Instrumentation Centre and a Computer Aided Design Studio at the main campus.
  - b) Purchase of new furniture for laboratories and classrooms.
  - c) Purchase of more computers (desk tops and laptops) and softwares.
  - d) Some classrooms have been equipped with LCD projectors to enable teachers to integrate technology in their pedagogy.
5. Improvement in the library
  - a) Expansion of library at the main and satellite campus.
  - b) Recruitment of more staff at the library.
  - c) Classification and cataloguing of library books.
  - d) Purchase of Libsys and semi-automation of the library.
  - e) Allocation of increased funds for purchase of books in the annual budget.
  - f) Purchase of books and journal.
  - g) Expansion of the internet zone.
  - h) Book bank facility for students.
6. Hosting a national level 3-day conference that saw participation of over 600 delegates from all over the country and release of book of full-length research papers.
7. Completion of two UGC-sponsored Minor Research Projects.
8. Streamlining of research activities by the Research committee including framing of guidelines for M.Sc. dissertation writing.
9. Publication of selected research papers.
10. Improved number of paper published and a patent filed by one faculty members
11. Increase in the number of presentations by faculty members.
12. Increased participation of faculty members in seminars and conferences.
13. Awards received by faculty members at the HSAI Conference.
14. Large number of awards won by students at the intercollegiate level.
15. Introduction of the '*Earn While you Learn Scheme*' for the students.
16. Reduced dropout rate and increase in progression to higher studies.
17. Increase in allotment towards student's freeship.

18. Several MOU signed for add-on and short-term courses.
19. Exploring the possibility of tie-up with PG accommodation centres.
20. Enhanced security at the campus.
21. Student's utility store set-up at the main campus.
22. Improved canteen services for students and staff.
23. AMC granted for maintenance of college website.

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**Principal**

Dr. (Ms.) Deepali Singhee

## **ANNEXURE** **List of Equipment**

- **Department of Food Science & Nutrition Management**

Soxhlet apparatus, Heater, Reflux condenser, pH meter, Microcentrifuge, Magnetic stirrer, Magnetic Bar, Retriever, Cooling Centrifuge (REMI make), Mini gel Model Electrophoresis, Biotech Power Pack (Analytical Model), Double Distillation Apparatus (capacity 5 Lts with Automatic cut off), Laminar Air flow (Vertical & Horizontal type), BOD Incubator-cum-shaker, Boiling water-bath (electrically operated), Vortex Shaker (REMI make), Digital Balance

- **Department of Textile Science Clothing & Fashion Studies**

UV-VIS Reflectance Spectrophotometer with associated colour matching software, Infra red dryer, Perspirometer, Autowrap reel, True shrinkage (for fabric shrinkage testing), Colour matching Box (Super Vision), Drapameter (Mec Drape), Shaker Bath, Fibro Len (for fiber sorting), Faby Count (for testing count of yarn from fabrics), Pick Glass, Mec Tear (for testing tearing strength of fabrics), Smart Rub (electronic crockmeter, Accuspray (for testing water absorbency)

- **Department of Human Development**

Raven's Standard Progressive Matrices, Sumon Apparentimer (for measuring perception of time), Software on fluctuation of attention and perception of time, Rorschach Ink Blot Test, Murray Thematic Apperception Test

## New developments in Infrastructure 2009 - 2010



New Computer Aided Design Studio



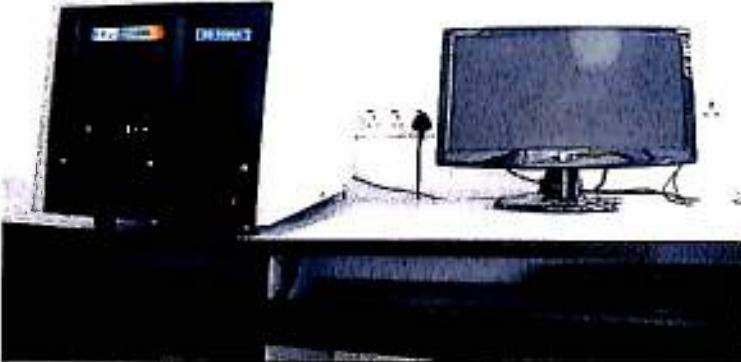
Library at Main Campus



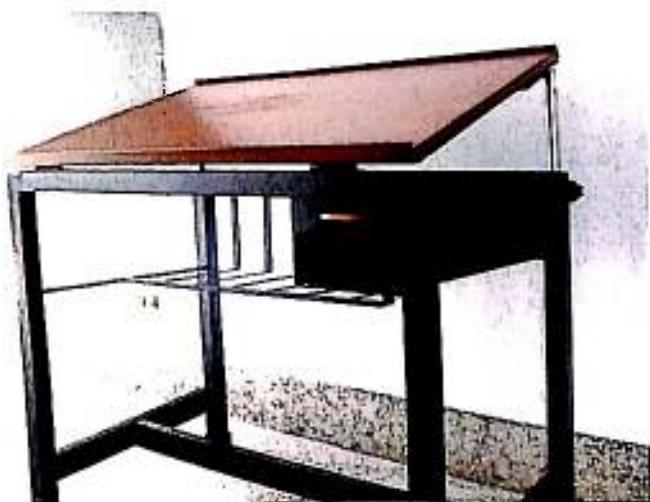
LCD Projectors installed in Class Rooms



Common Room



Reflectance Spectrophotometer with associated colour matching software



New Furniture - Drawing Tables at the Drawing Studio



Well known Academicians at the Technical Session



Oral Presentation by Young Scientist



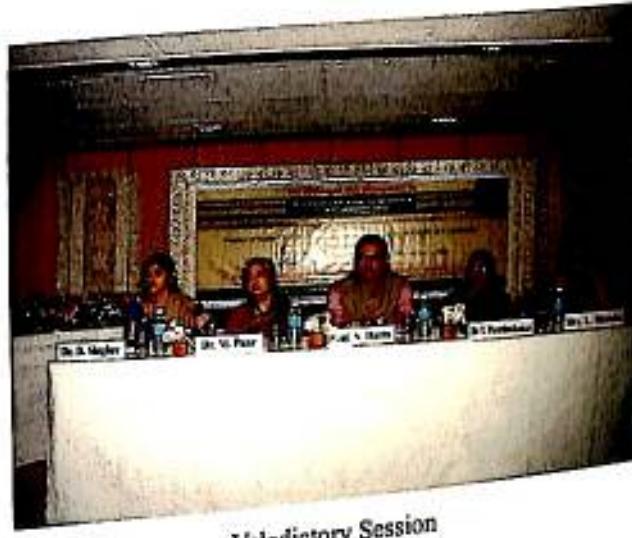
Judges review the Poster Presentation



Senior Scientist Award Presentation



Crafts Baazar organized at the Conference



Valedictory Session

## Some glimpses of the Co - curricular activities in the College during 2009 - 2010



Faculty Member being Awarded by the Management  
on Teachers' Day, 2009



Awards to Meritorious Students at the Annual Show



The Winning Team at the Seminar on Career Opportunities-  
For Commerce Students - '*Looking Beyond the Horizons*'



The Judges being felicitated at the Seminar on Career  
Opportunities- For Commerce Students -  
*'Looking Beyond the Horizons'*



Students with Village workers



Students at Chetna Institute for  
Mentally Handicapped Children

Some glimpses of the Students Extra - curricular activities in the College during 2009 - 2010



Book Fair at the Main Campus



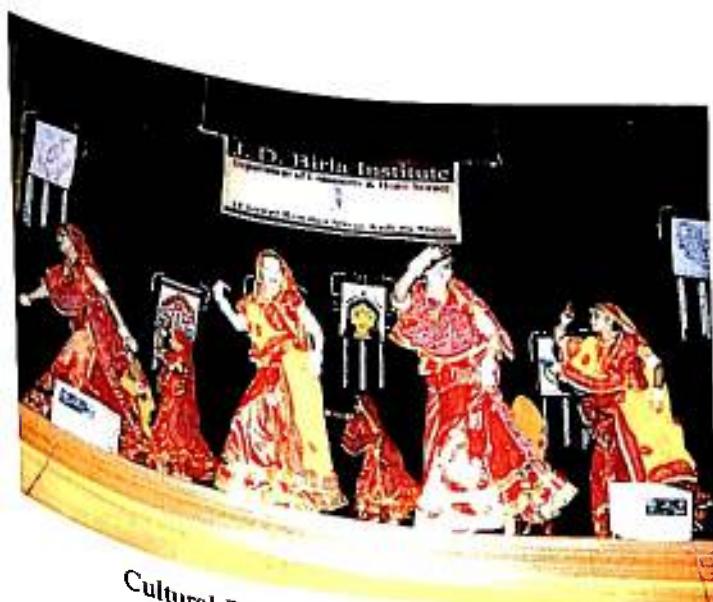
Sudoku Competition in Progress



Team Building during an Educational Excursion



Students' & Teachers' Picnic



Cultural Programme put up by students



Freshers' Party

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Ph. no. 033 2475 5070/ 2476 7340 Tele Fax 2454 3243, Website: [www.jdbikolkata.in](http://www.jdbikolkata.in)

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