

	<p><b>DR. DEEPALI SINGHEE</b> Principal <b>Off:</b> JD Birla Institute 12 Lower Rawdon Street Kolkata-70020 <b>Res:</b> 74 Topsia Road (South) Sunflower gardens, Tower-I, Flat 11C Kolkata-700046</p> <p><b>Email:</b> <a href="mailto:deepalisingheejdbi@gmail.com">deepalisingheejdbi@gmail.com</a></p> <p><b>Contact</b> Resi: 033-22822008 Off: 033-24863527 / 033-24767340</p>
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## PERSONAL INFORMATION

- **NAME:** Dr. (Ms.) Deepali Singhee
- **FATHERS NAME** Late Mr. Amrao Singh Singhee
- **MOTHER'S NAME** Late Mrs. Saroj Singhee
- **DATE OF BIRTH:** 23<sup>rd</sup> September, 1969
- **MARITAL STATUS:** Single
- **PRESENT ADDRESS:** 74 Topsia Road, Sunflower Gardens,  
Tower-I, Flat 11-C  
Kolkata 700046
- **OFFICE ADDRESS:** J. D. Birla Institute  
11 Lower Rawdon Street  
Kolkata-70 020
- **TELEPHONE No.:** 24755070 (office)
- **MOBILE No.:** 9331040390
- **CURRENT DESIGNATION** Principal (Associate Professor)  
J.D. Birla Institute  
(Affiliated to Jadavpur University)
- **DATE OF JOINING THE INSTITUTE:** 1<sup>st</sup> November, 1994
- **DATE OF CONFIRMATION:** December, 1998 (Lecturer),  
August 2006 (Principal)
- **AREA OF SPECIALIZATION:** Textiles & Clothing

## EDUCATIONAL QUALIFICATION

DEGREE / EXAMINATION	YEAR	SCHOOL/COLLEGE/UNIVERSITY	CLASS / DIVISION
<b>Ph. D</b> (Chemistry)	2006	Faculty Council of Science, Department of Chemistry <b>Jadavpur University, Kolkata</b>	NA
Qualified UGC-NET Examination for Lectureship in June 1998.			
<b>M. Sc.</b> (Textiles & Clothing)	1994	Nirmala Niketan College of Home Science Bombay University, Mumbai	1 <sup>st</sup>
<b>B. Sc.</b> (Home Science)	1992	Smt. J. D. Birla Institute of Home Science Jadavpur University, Kolkata	1 <sup>st</sup>
<b>STD. XII</b> (A.I.S.S.C.E.)	1989	Ashok Hall Girl's Higher Secondary School, Kolkata	1 <sup>st</sup>
<b>STD. X</b> (C.B.S.E)	1987	Ashok Hall Girl's Higher Secondary School, Kolkata	1 <sup>st</sup>

## **SPECIAL ACADEMIC ACHIEVEMENTS - AWARDS WON**

- Nominated for Aparjita Awards for **Achievement in the Field of Education (Young Achiever)** by Sanmarg in March 2017.
- Was felicitated by **West Bengal State Marwari Association** on the occasion of Teachers Day on 12<sup>th</sup> September 2015.
- Received the '**Young Academic Leadership Award**' from the Higher Education Forum during the Teachers Day celebration held at Mumbai in 2013.
- Was felicitated by the Institute of Leadership, Entrepreneurship and Development, Kolkata for "**Exemplary Leadership Qualities and Outstanding Contribution in the Field of Education**" during the Teachers Day celebration held in 2013.
- Has been **honoured by Marudhara**, a Rajasthan Social Club on the occasion of their Silver Jubilee celebration on 18<sup>th</sup> December 2011 with '**Kasturi Mrig Naabi Mein**' honour for her hard work, dedication, determination and patience in the field of education.
- Has been awarded a '**Special Honour**' for her capabilities and contribution to higher education on the occasion of Women's Day in March 2011 by All India Terapanth Mahila Mandal, Rohini Ladnun, Rajasthan
- Received the '**Mid-career Scientist Award 2010**' from the Home Science Association of India for outstanding research work.
- Received the '**Best Principal (College Category)**' Award from Lions Club of Kolkata, Mother Teresa Sarani in the year 2010.
- Received the award '**Outstanding Achievements award in the Field of Education/Publication of Papers in Reputed Journals**' repeatedly for 3 years (2003-2004, 2004-2005 & 2005-2006) from J D Birla Institute
- Received the **Best Poster (Research) awards** in Textiles and Clothing:
  - a) **Best Research Poster:** Application of selective UV-absorbers on jute and jute/cotton union fabrics aimed at reduction in photo-yellowing at the 25<sup>th</sup> Biennial Conference of the Home Science Association of India jointly by Lady Amritbai Daga College & Ratnabai Purohit College held on 10<sup>th</sup> to 12<sup>th</sup> October 2003 at Nagpur.
  - b) **Best Research Poster:** Study on low temperature and energy efficient bleaching of jute and jute-cotton union fabrics at the 26<sup>th</sup> Biennial Conference of the Home Science Association of India jointly with SNTD College of Home Science held on 27<sup>th</sup> to 29<sup>th</sup> December, 2005 at Pune.
  - c) **Best Research Poster:** A comparative study on the buying behavior of females of various age groups towards selection of clothing at the 27<sup>th</sup> Biennial Conference of the Home Science Association of India jointly with M H Govt, College for Science and Home Science held on 27<sup>th</sup> to 29<sup>th</sup> December, 2007 at Jabalpur.
  - d) **Best Research Poster:** Studies on repeated dyeing of silk with red sandalwood using selective mordants at the 28<sup>th</sup> Biennial Conference of the Home Science Association of India organized by Home Science Association of India (Kolkata Chapter) jointly in association with JD Birla Institute at Kolkata on 7<sup>th</sup>-9<sup>th</sup> January 2010.
  - e) **Best Research Poster:** Studies on repeated dyeing of silk with red sandalwood using selective mordants at the 28<sup>th</sup> Biennial Conference of the Home Science Association of India organized by Home Science Association of India (Kolkata Chapter) jointly in association with JD Birla Institute at Kolkata on 7<sup>th</sup>-9<sup>th</sup> January 2010.
  - f) **Best Research Poster:** Study on diversified use of jute as embroidery thread for traditional Indian embroidery – Kantha and Phulkari at the 29<sup>th</sup> Biennial National Conference of Home Science Association of India on Innovative Horizons and

Emerging Challenges for Home Scientists organized by Home Science Association of India (Lucknow Chapter) in association with the School for Home Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow (Uttar Pradesh) on 4<sup>th</sup>-6<sup>th</sup> November 2011.

- g) **2<sup>nd</sup> Best Research Poster:** A study on the application of natural dyes from eucalyptus bark & leaves on silk fabric & different characteristics at the International Workshop on Natural Dyes organized by College of Home Science, ANGRAU, Hyderabad (Andhra Pradesh) at Hyderabad on 5<sup>th</sup>-7<sup>th</sup> March 2014.
- h) **Best Research Poster:** Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving and printing techniques at the International Conference on Textile and Clothing - Present and Future Trends organized by Department of Jute and Fibre Technology, University of Calcutta on 3<sup>rd</sup>-5<sup>th</sup> January 2017.

## **PROFESSIONAL EXPERIENCE**

1. **Principal** with 11 years (since 2006) experience at JD Birla Institute, a reputed Institute affiliated to Jadavpur University and having an “A’ Grade from NAAC, Bangalore.
2. **Associate Professor** having 23 years (since 1994) post and under graduate teaching experience.
  - *Subjects Taught:* Fabric Manufacture (*Theory & Practical*), Wet Processing Dyeing & Finishing (*Theory & Practical*), Textile Testing & Chemistry (*Theory & Practical*), Clothing Construction (*Practical*), Traditional Textiles, Costumes & Embroideries of India (*Theory*). 4 years (since 1998) teaching experience with M.Sc. Part-I students specializing in Composite Home Science. *Subjects Taught:* Textiles & Clothing (*Theory*) and Dyeing and Printing (*Practical*)
  - 2 years (1996-1998) teaching experience with B.Sc. Part-I in Home Science students. *Subjects Taught:* Textile Science (*Theory*) and Children’s’ Clothing (*Practical*)
  - 1 year (1994-1995) teaching experience with Postgraduate Diploma in Garment Manufacturing Technology, NIFT. Subject Taught: Textile Science (*Theory*)
3. **Appointed as NAAC Peer Team Member for conducting assessment of several colleges.**
4. **Visiting Faculty at Institute of Jute Technology, Kolkata**
  - 3 years (since 2006-2008) teaching experience with M.Tech (Sem-3) students studying Textile Technology (Technical Textiles). *Subjects Taught:* Clothing Science (*Theory*)
  - **Resource Person in the UGC Refresher Course** on Home Science organized by Department of Social Work, Mizoram University, Aizawl in 2005.

## **RESEARCH ACTIVITIES**

### **Doctorate (Ph.D)**

Completed Ph.D under Faculty of Science, Jadavpur University and was guided by Prof. A K Samanta (Professor, Dept. of Jute & Fibre Technology, Institute of Jute Technology, University of Kolkata, Kolkata) and Prof. K K Mahalanabis (Professor, Department of

Chemistry, Jadavpur University, Kolkata). The title of the thesis was ‘*Studies on Selective Chemical Treatments of Jute, Cotton and Jute/Cotton Union Fabrics*’.

### **Paper Publications**

1. D. Singhee, I N Ghosh and P Roy, ‘Studies on the Paper Pulp Characteristics and Properties of Hand Made Paper Made from Natural Fibres’, Indian Pulp & Paper Technical Association, Vol. 14, No. 4, 2002, p 69-73.
2. A K Samanta, D Singhee, A Sengupta & S K Abdur Rahim, ‘Application of Selective Natural Dyes on Jute and Jute / Cotton Fabric by Different Techniques’, Journal of Institution of Engineers, Textile Engineering Division, Vol. 83, February, 2003, p 22-33.
3. A K Samanta, Deepali Singhee & Mitu Sethia, ‘Application of Single and Mixture of Selected Natural Dyes on Cotton Fabric: A Scientific Approach’, Colourage, Vol. L, No. 10, October, 2003, p-29-42.
4. A K Samanta, Sunanda Mitra, Deepali Singhee & Smita Parekh, ‘Efficacy of Selective Surfactants/Detergents as Washing Agents on Soiled White and Dyed Cotton Fabrics’, Indian Journal of Fibre & Textile Research, Vol. 29, June, 2004, p-223-232.
5. A K Samanta, K K Mahalanabis & Deepali Singhee, ‘Effect of Different Methods of Bleaching and Resin Finishing on Physical Properties and Photo-yellowing Character of Jute Fabrics’, Journal of Institute of Engineers, Textile Engineering Division, Vol. 85, August, 2004, p-1-17.
6. A K Samanta, Deepali Singhee, G Basu & K K Mahalanabis, ‘Effect of Selective Pre-Treatments and Subsequent Mixed Enzyme Treatment on Properties of Jute Cotton Union Fabric’, Indian Journal of Fibre & Textile Research, Vol. 30, December, 2005, p-451-467.
7. A K Samanta & Deepali Singhee, ‘Standardization of Process Variables for Low temperature Bleaching of Jute-Cotton Union Fabric Using a Combination of Hydrogen Peroxide and Potassium Pex-oxo-disulphate as Dual Oxidative Agents’, Journal of Institute of Engineers, Textile Engineering Division, Vol. 88, August, 2007, p-19-32.
8. A K Samanta, Deepali Singhee, G Basu & K K Mahalanabis, ‘Hydrogen Peroxide and Potassium Per-oxo-disulphate Combined Room Temperature Bleaching of Jute, Cotton and Jute-cotton Union Fabric-An Energy Efficient Eco-friendly Process’, Indian Journal of Fibre & Textile Research, Vol. 32, June 2007, p-221-231.
9. A K Samanta & Deepali Singhee, ‘Thermal Behaviour and Structural Features of Chemically & Bio-chemically Modified Jute Substrate’ Indian Journal of Fibre & Textile Research, Vol. 32, September, 2007, p-355-365.
10. A K Samanta, Deepali Singhee, Gautam Basu & K K Mahalanabis’, Single-Step Dyeing and Crease Resistant Finishing of jute Fabric using an Acid Dye and N-Methylol Acrylamide and Other Conventional Resins, Journal of the Institution of Engineers (India) Textile Division, Vol 88, February 2008, p-17-26.
11. A K Samanta, Deepali Singhee, Priti Agarwal & Siddharta Datta, Application of Single & Mixture of Red Sandalwood and Other Natural Dyes for Dyeing of Jute Fabric: Studies on Colour Parameters/ Colour Fastness and Compatibility, Journal of Textile Institute, Vol 100 (7), October 2009, p- 565-587 [ISSN: 00405000].
12. A K Samanta, Deepali Singhee & Sunanda Mitra Roy, Effects of Selective Chemical Softening and Different Modes of Citric Acid Treatment on Properties of Jute-cotton Union Furnishing fabric, AASCIT Journal of Materials, Vol-1 (No. 4), November 2015, p-111-122 [p-ISSN: 2472-9736; e-ISSN: 2472-9752].
13. Deepali Singhee & Yamini Dhanania, Dyeing of Silk fabric with onion peel waste using unconventional methods in Indian Journal of Natural Fibres, Vol-3 (No. 1), July 2016, p. 45-57 [p-ISSN: 2248-7445; e-ISSN: 2454-1656].

14. A K Samanta, Sunanda Mitra Roy, Deepali Singhee & Pubalina Samanta, 'Effects of acid/alkali and cellulase enriched mixed enzyme treatments on properties of jute-cotton union furnishing fabric' in Journal of Textile Engineering & Fashion Technology (Peer Reviewed Journal), Vol-1, (No. 2), March 2017, p. 1-9 [p-ISSN: 2348-6848; e-ISSN: 2348-795X]
15. Deepali Singhee & Shraddha Newatia, A Study on dyeing of silk fabric with almond shells (*P. Amygdalus L.*) waste, International Journal of Research, Vol-4 (No. 5), April 2017, p-921-935 [p-ISSN: 2348-6848; e-ISSN: 2348-795X].
16. Deepali Singhee & Saadgi Choudhury, Diversification of jute fabric through product development, International Journal of Research, Vol-4 (No. 7), June 2017, p-883-891 [p-ISSN: 2348-6848; e-ISSN: 2348-795X].
17. Deepali Singhee & Pubalina Samanta, Studies on dyeing process variables for application of tesu as natural dye on silk fabric, Journal of Natural Fibres, *Communicated*, [p-ISSN: 1544-0478; e-ISSN: 1544-046X].

### M.Sc Dissertations

Have guided the following Dissertations at the Postgraduate level:

- **2016-2017**, "Effect of single and mixed enzymes on dyeing of linen (flax) fabric with onion peel extract" (Name of student – Anjali Singrodia)
- **2016-2017**, "Development of cartoon figures from motifs available on ancient indian monuments and architecture as suitable nursery prints" (Name of student – Heena Sachdeva)
- **2016-2017**, "Aroma finishing of cotton fabric using sandalwood oil" (Name of student – Purvi Daruka)
- **2016-2017**, "A study on the pretreatment of jute fabric with acid and alkali for better dye uptake" (Name of student – Sweety Bakliwal)
- **2014-2015**, "A Study on Application of Tesu as a Natural Dye on Silk Fabric" (Name of the student - Ms. Pubalina Samanta)
- **2014-2015**, "Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving, printing and embroidery techniques" (Name of the student - Ms. Yamini Tibrewal)
- **2013-2014**, "A study on dyeing of cotton using Neem leaves" (Name of the student - Ms. Daksha Jalan)
- **2013-2014**, "Fragrance finish on cotton fabric" (Name of the student - Ms. Rakhi Agarwal)
- **2013-2014**, "Optimization of natural dye on silk and jute with Ashoka bark" (Name of the student - Ms. Nidhi Gupta)
- **2013-2014**, " A comparative study on dyeing cotton, wool, silk with almond shell" (Name of the student - Ms. Shraddha Newatia)
- **2010-2011**, 'Shade development through application of mixture of natural dyes (eucalyptus bark and red sandalwood) on silk', (Name of the student - Ms. Dipika Baid)
- **2010-2011**, 'Dyeing of silk fabric with onion peel waste using unconventional methods', (Name of the student - Ms. Yamini Dhanania)
- **2010-2011**, A study on acceptability of jute fabrics for diversified household textiles', (Name of the student - Ms. Saadgi Choudhury)
- **2005-2006**, 'Studies on repeated dyeing of silk with red Sandalwood using selective mordants' (Name of the student - Ms. Ipshta Chatterjee)
- **2003-2004**, 'A study on diversified use of jute as embroidery thread for Kantha and Phulkari traditional embroideries of India' (Name of the student - Ms. Dilraj Kaur)

- **2002-2003**, ‘Effect of different chemical treatments on the dyeing behavior of cotton and jute fabrics’ (Name of the student - Ms. Antara Dhargupta)
- **1999-2000**, ‘Studies on some chemical treatments of jute/cotton union fabrics’ (Name of the student - Ms. Rituparna Mallick)
- **1998-1999**, ‘Application of single and mixture of selected natural dyes on cotton fabric’ (Name of the student - Ms. Mitu Sethia)
- **1997-1998**, ‘Comparative study on the paper making properties and pulping characteristics of jute, mesta, sisal, bagasse, coir, pineapple and ramie fibres’ (Name of the student - Mrs. Paramita Saha Roy)
- **1996-1997**, ‘Comparative study on buying behavior of females of various age groups towards selection of clothing’ (Name of the student - Mrs. Smita Parekh)
- **1995-1996**, ‘Adaptation of Indian traditional motifs to nursery prints’ (Name of the student - Ms. Rina Bothra)

### **B.Sc. Projects Guided**

- 2012-2013: A study on specially designed bags made using narrow tape fabrics  
 2012-2013: A study on innovative use of fabric scarp in the field of apparel wear  
 2012-2013: A study on batik printing of cotton fabric using natural dyes  
 2012-2013: A study on brand consciousness among teenagers  
 2012-2013: A study on the use of blue potter as accessories in apparel wear  
 2012-2013: A study on diversified use of khes fabric for making textile household products  
 2012-2013: A study on tie-dyed georgette scarves dyed with latkan (annatto)  
 2012-2013: Effect of different mordant on woollen yarn dyed using Asoka bark  
 2012-2013: Development of products by recycling old newspaper  
 2012-2013: Effect of different mordants and its concentrations for dyeing silk fabric with tesu as natural dye  
 2012-2013: Comparative study on the use of myrobolan and pomegranate rind as natural dyes on khadi fabrics  
 2012-2013: A study on dyeing gauze fabric using turmeric for imparting antiseptic properties  
 2012-2013: A study on the readymade garment industry in Kolkata  
 2012-2013: A study on the current scenario of hosiery industry in Kolkata  
 2012-2013: A study on hand printing of bags using traditional madhubani motifs  
 2013-2014: Jewellery made out of e-waste  
 2013-2014: Developing products for children from fabric waste  
 2013-2014: Developing screen printed products from warli paintings  
 2013-2014: Developing bags for different occasion form jute and jute based wastes  
 2013-2014: Developing products with two in one concept  
 2013-2014: Developing kids products inspired form board games  
 2013-2014: Bags from discarded plastic waste  
 2013-2014: Lamps from leather waste  
 2013-2014: Jackets from kalamkari fabrics

### **Currently working on the following thrust areas in research**

- Application of selected UV-absorbers/antioxidants compounds on jute/cotton union fabric aimed at reduction in photo-fading/photo-degradation
- Dyeing of silk and cotton fabrics with natural dyes
- Saris – A heritage of West Bengal
- Adaptation of Indian traditional motifs to nursery prints
- Currently writing a book on ‘Traditional textiles of India’

### **REFRESHER COURSES ATTENDED**

1. Refresher course on '*Trends in Microbial Technology (Interdisciplinary Course)*' organized by the UGC-Academic Staff College (Department of Chemical Engineering), Jadavpur University, held from 12<sup>th</sup> June, 2006 to 1<sup>st</sup> July, 2006
2. Refresher course on '*Global Warming*' organized by the UGC-Academic Staff College (Department of Chemical Engineering), Jadavpur University, held from 4<sup>th</sup> March, 2003 to 24<sup>th</sup> March, 2003
3. Refresher course on '*Process Engineering in Food Preservation*' organized by the by the UGC-Academic Staff College (Department of Food Technology and Bio-chemical Engineering), Jadavpur University held from 3<sup>rd</sup> June, 2002 to 24<sup>th</sup> June, 2002.

### **OTHER COURSES ATTENDED**

4. Attended the training Workshop on "Mastering the art of influencing" organized by CII at New Delhi on 2<sup>nd</sup> December 2015.
5. Attended the Workshop on NAAC Assessment and Accreditation: Implementation at the Institutional Level organized by Ramakrishna Mission Vidyamandir, Belur Math on 13<sup>th</sup> July 2015.
6. Attended the Skill Development Mission – Skill Conclave organized by the Confederation of Indian Industries (CII) on 24<sup>th</sup> June 2015.
7. Attended the Panel Discussion on "Accreditation of higher education institutions: Challenges and opportunities (Special Session from NAAC)" during the two day International Educational Summit on "E-India" co-sponsored by NAAC and held at Hyderabad on 14<sup>th</sup> to 16<sup>th</sup> November 2012.
8. Participated in a workshop on 'Administrative Practices' organized by the UGC-Academic Staff College, Jadavpur University, held on 6<sup>th</sup> January, 2006.

### **INNOVATIONS / CONTRIBUTIONS TO TEACHING**

- **Design of Curriculum**
  - a) Guided introduction of new courses for Women's Industrial Training Institute, Kolkata.
  - b) Prepared the curricula and syllabi for B.Sc (Hons) in Textile Science, Clothing & fashion Studies and M.Sc in Textiles & Clothing, J.D Birla Institute, Jadavpur University, Kolkata
  - c) Assisted in preparation of curricula and syllabi for B.Fad in Fashion Design, Rani Birla Girl's College, Calcutta University
  - d) Prepared the curricula and syllabi for 1-year advanced certificate course in 'Garment Manufacture', West Bengal State Council of Technical Education
- **Laboratory Experiments**  
 Improvised a laboratory method for after-treatment of printed fabrics (fixation of colour); thereby providing an alternative for the more expensive steaming equipment.
- **Preparation of Resource Material (Books, Reading Materials, Laboratory Manuals)**  
 Conceived and written easy-to-operate laboratory manuals on the following subjects:
  - a) Wet Processing, Dyeing and Printing
  - b) Fabric Manufacture
  - c) Textile Testing and Chemistry
  - d) Clothing Construction

### **MEMBERSHIP OF PROFESSIONAL BODIES AND/OR SOCIETIES**

- a) Appointed as NAAC Peer Team Member for conducting assessment of colleges.
- b) Member of the Textile Engineering Divisional Sub-Committee of West Bengal State Centre for the Sessions 2016-2017 and 2017-2018.
- c) Invited to participate in the Assessors Meet organized by NAAC, Bangalore in April, 2012.
- d) Member of the Court (2006 -2011) of Jadavpur University.
- e) Member of the Executive Council (2006 till 2011) of Jadavpur University.
- f) Member of the Faculty Council of Science (2002 till date) and Faculty Council of Arts (2006 till date) of Jadavpur University
- g) Member of the Senate, Jain Visva Bharati University (2010-2012).
- h) Member of the Ph.D Committee (2006 onwards) of Jadavpur University.
- i) Member of the Academic Advisory Committee of the UGC Academic Staff College of Jadavpur University (2006-2013).
- j) Member of the Advisory Committee, Women's ITI, Kolkata (2008 onwards)
- k) Appointed as IQAC External Expert by ILEAD
- l) Member of Board of Studies in M.Tech in Textile Technology (Technical Textiles), B.Tech in Jute and Fibre Technology and PG Diploma in Jute Technology and Management, University of Calcutta
- m) Member of the Expert Committee in Bachelor of Fashion & Apparel Design (B.FAD), Calcutta University (2008 onwards).
- n) Member of Higher Education Forum (Membership No. HEF/LM/597).
- o) Member of The Indian Natural Fibre Society (Membership No. HEF/LM/597).
- p) President, Kolkata Chapter of the Home Science Association of India.
- q) President, Alumni Association of J.D. Birla Institute. Member of the Alumni Association of Jadavpur University
- r) Member of the Alumni Association of Nirmal Niketan College of Home Science, Mumbai
- s) Convener of Several Seminars and Conferences.

## **OTHER ACADEMIC ACTIVITIES**

- a) Appointed as the Paper Setter by Calcutta University (Rani Birla College, Kolkata)
- b) Appointed as a Paper Setter on 'Fashion Technology' for IIS University, Jaipur
- c) Appointed as a Paper Setter on 'Fashion & Apparel Design' for Professional Courses, The University of Burdwan
- d) Appointed as a Paper Setter on 'Clothing Technology' for long term course for Direct Recruit C/M-II9 (T)
- e) Appointed as a external examiner for 'Master of Design (Textiles)' by Visva Bharati University, Shantiniketan

## **CO-CURRICULAR ACTIVITIES**

1. Organized several **Exhibitions** on students learning outcomes
- 2.
3. Organized the several **Educational Excursions** for students of the Textiles and Clothing section:
  - a) Dabu printing of Jaipur, Patola and Mashru of Pattan, Matta-ne-pacheri of Ahmendabad, Arvind Mills, (2016)
  - b) Garad, Murshidabad, West Bengal (2016)
  - c) Banaras Brocades and Rugs and Carpets, Bhadoi (2015)
  - d) Coimbatore & Auroville at Pondicherry (2014)
  - e) Kalamkari Textiles, Andhra Pradesh and Kanjeevaram Saris, Tamil Nadu (2013)



- f) Phad Paintings of Bhilwara (Rajasthan), Block Prints of Sanganer (Jaipur) Testing Testing Laboratory at NITRA (Faridabad, New Delhi) and Panipat (2012)
- g) Ikat textiles of Nuapatna & Meniabandh and Pipli of Orissa (2011)
- h) Brocades of Guwahati, Assam and Handloom Textiles of Tufangunge, West Bengal (2010)
- i) Ajark Prints and Embroideries of Bhuj, Gujarat (2007)
- j) Bandhej and Patolas of Gujarat (2005)
- k) Gadwal, Siddipet and Pochampalli Saris of Andhra Pradesh (2003)
- l) Sericulture at Murshidabad, West Bengal (1994, 1996, 2004, 2009)
- m) Sericulture and Baluchari saris of Bishnupur, West Bengal (1995 & 2000)
- n) Textiles of Benaras and Lucknow, Uttar Pradesh (1998, 2001& 2008)
- o) Maheshwari and Chanderi Saris of Madhya Pradesh (2002)
- p) Resist and Block Printed Textiles of Jaipur, Rajasthan (2002, 2006 & 2008)
- q) Tangail and Jamdani Saris of Phulia, West Bengal (1994 to 2010)

## **SESSIONS CONDUCTED**

1. Chaired a Technical Session at the National Seminar-cum-Workshop on Natural Dyeing of Textiles in Batik and Shibori Styles organized by TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University on 16<sup>th</sup>-17<sup>th</sup> September 2016.
2. Chaired and moderated a session at the International Conference on Natural Dyes organized by SUTRA at ICCAR, Kolkata on 16<sup>th</sup> February 2014.
3. Invited to deliver a lecture on the NAAC Accreditation Process by Ilead on 24<sup>th</sup> January 2014.
4. Keynote speaker at UGC-sponsored Seminar on 'Art in Everyday Life' organized by Seethalakshmi Ramaswami College, Tiruchirapalli, Tamil Nadu on 5<sup>th</sup> December 2013.
5. Guest of Honour at the 2-day NAAC & UGC-Sponsored Conference on Quality Sustenance in Higher Education Institution organized by Dhote Bandhu Science College, Gondia (Maharashtra) on 26<sup>th</sup> to 27<sup>th</sup> August, 2012 and delivered a talk on Indian higher education – The way forward.
6. Invited to deliver a lecture on Road to world-class University - According to NAAC at the JVBU - Vision 2020 Summit organized by the Jain Vishvabharati University, Ladnun (Rajasthan) at Kolkata on 26<sup>th</sup> March 2011.
7. 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 organized by the Development Commissioner for Handlooms and the National Handloom Development Corporation Ltd. (NHDC) at Kalna, Burdwan (West Bengal) on 22<sup>nd</sup> January 2010.

## SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ETC. ATTENDED AS RESOURCE PERSONS

Sl. No.	NAME OF THE SEMINAR/CONFERENCES/SYMPOSIA/WORKSHOPS	NAME OF THE SPONSORING AGENCY	PLACE	DATE	PAPER/POSTER PRESENTED
1	National Seminar on Innovation and Research : Industry-University Collaboration	Confederation of Indian Industry (CII)	Kolkata	10 <sup>th</sup> April 2017	<i>Participated only as a delegate</i>
2	30 <sup>th</sup> National Convention of Textile Engineers and National Seminar on 'Intervention of Frontier Technologies in Textile & Jute Sector	Textile Engineering Division, West Bengal State Centre, The Institution of Engineers (India) in collaboration with National Jute Board, Ministry of Textiles, Government of India.	Kolkata	3 <sup>rd</sup> -5 <sup>th</sup> March 2017	<b>Paper:</b> Block printing in Rajasthan
3	International Conference on Textile and Clothing - Present and Future Trends	Department of Jute and Fibre Technology, University of Calcutta	Kolkata	3 <sup>rd</sup> -5 <sup>th</sup> January 2017	<b>Paper:</b> Dyeing of silk fabric with onion peel waste using unconventional methods
					<b>Poster:</b> Studies on dyeing process variables for application of tesu as natural dye on silk fabric
					<b>Poster:</b> Development of cartoon figures from motifs available on ancient Indian monuments and architecture as suitable nursery prints
					<b>Poster:</b> Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving and printing techniques
	<b>Poster:</b> Study on acceptability of jute fabrics for diversified household textiles				
4	National Seminar on Recent Advances in Textile Finishing	CIRCOT and Indian Fibre Society	Mumbai	17 <sup>th</sup> December 2016	<b>Paper:</b> Effect of application of selective UV-absorbers/anti-oxidants on jute fabric for reduction of its photo-degradation and photo-yellowing
5	National Seminar-cum-Workshop on Natural Dyeing of Textiles in Batik and Shibori Styles	TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University	Kolkata	16 <sup>th</sup> -17 <sup>th</sup> September 2016	Chaired and moderated a session

					<b>Paper:</b> Studies on dyeing process variables for natural dyeing of silk fabric with tesu flower petal extract
					Natural dyed traditional Indian textiles
6	National Seminar-cum-Workshop on Natural Dyeing of Textiles in Batik and Shibori Styles	TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University	Kolkata	16 <sup>th</sup> -17 <sup>th</sup> September 2016	<b>Paper:</b> Traditional Indian textiles
7	National Seminar on “Indian Handloom Textiles in the Context of Globalization”	Textile Section, Department of Shilpa Sadana, Visva Bharti at Shantiniketan.	Shantiniketan, West Bengal	27 <sup>th</sup> June 2015	<b>Paper:</b> Adaptation of the terracotta motifs on char bangla temple located at Baranagar in Murshidabad district of West Bengal to suit ornamentation of textiles through weaving and printing techniques
8	6 <sup>th</sup> All India Inter Engineering College Academic Meet, 2015 and Science & Technology Exhibition for a Sustainable Society	Forum of Scientist, Engineers & Technologists (FOSET) in association with MCKV Institute of Engineering	Kolkata	26 <sup>th</sup> April 2015	<b>Paper:</b> Jewellery made of e-waste
					<b>Paper:</b> Effect of different mordants on silk fabric dyed with Tesu
					<b>Paper:</b> Khesh and its diversification
9	International Workshop on Natural	College of Home Science, ANGRAU	Hyderabad	5 <sup>th</sup> -7 <sup>th</sup> March 2014	Invited as a panel speaker
					<b>Poster:</b> Dyeing of silk fabric from onion peel waste by unconventional methods
					<b>Poster:</b> Effect of mordants on dyeing of silk fabric with butea monosperma (tesu / flame of forest)
					<b>Poster:</b> A study on the application of natural dyes from eucalyptus bark & leaves on silk fabric & different characteristics
10	‘Crossfire’ to discuss and debate on the burning issues concerning the youth of the country by	TAAZA TV	Kolkata	25 <sup>th</sup> January 2014	Invited to be one of the panelist
11	Seminar-cum-buyer-seller meet on ‘Jute-based Green Textile Products and its Environmental Impact	Textile Engineering Division of West Bengal State Centre of the Institution of Engineers	Kolkata	28 <sup>th</sup> September 2013	<b>Paper:</b> A study on acceptability of jute fabrics for diversified household textiles
12	International Conference on Environment and Its Impact on	JD Birla Institute	Kolkata	18 <sup>th</sup> -20 <sup>th</sup> August 2013	<b>Poster:</b> A study on printing of cotton fabric using natural dyes by batik method

	Society				<b>Poster:</b> A study on the application of mixture of natural dyes on silk fabric and its different characteristics
					<b>Poster:</b> Dyeing of silk fabrics with waste material using unconventional methods
13	3- day International Conference on ‘Enhancing Health, Well Being and Sustainability – Opportunities, Challenges and Future Directions’	Nirmala Niketan College of Home Science	Mumbai	10 <sup>th</sup> -12 <sup>th</sup> January 2013	<b>Paper:</b> Dyeing of silk fabric with onion peel waste using unconventional methods <b>Poster:</b> A study on acceptability of decorative jute based fabrics for diversified household textiles
14	XXII World Congress on ‘Global Wellbeing’	International Federation of Home Economics IFHE and hosted by IFHE – Victoria	Melbourne, Australia	16 <sup>th</sup> -21 <sup>st</sup> July, 2012	<b>Paper:</b> Shade development and fastness improvement through application of a mixture of natural dyes (eucalyptus bark and red sandalwood) <b>Poster:</b> Study on acceptability of jute fabrics for diversified household textiles
15	National Workshop and Seminar on ‘Vegetable Dye and its Application on Textiles	Shilpa Sadan, Visva Bharati	Visva Bharati, Shantiniketan (West Bengal)	2 <sup>nd</sup> -4 <sup>th</sup> December 2011	<b>Paper:</b> Shade development and fastness through application of mixture of natural dyes (eucalyptus bark and red sandalwood on silk) <b>Poster:</b> Dyeing of silk fabric with onion peel waste using unconventional methods
16	29 <sup>th</sup> Biennial National Conference of Home Science Association of India on Innovative Horizons and Emerging Challenges for Home Scientists	Home Science Association of India (Lucknow Chapter) in association with the School for Home Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow (Uttar Pradesh)	Lucknow (Uttar Pradesh)	4 <sup>th</sup> -6 <sup>th</sup> November 2011	<b>Paper:</b> Shade development through application of mixture of natural dyes (eucalyptus bark and red sandalwood) on silk <b>Poster:</b> Dyeing of silk fabric with onion peel waste using unconventional methods
17	Seminar on ‘Eco-Fashion Technology and Trend’	Department of Jute and Fibre Technology, IIT, Calcutta University and Textile Association	Department of Jute and Fibre Technology, IIT, Calcutta University, Kolkata	24 <sup>th</sup> September 2011	<b>Paper:</b> Inspirational India Textiles for Eco Fashion’
18	Seminar on Eco-fashion Technology & Trend	Textile Association (India), West Bengal unit and Department of Jute & Fiber Technology, University of Calcutta	Kolkata	24 <sup>th</sup> September 2011	<b>Paper:</b> Inspiration from Indian traditional textiles for eco-fashion

19	International Seminar 'Raksha and Vriksha' on Conservation of Textiles and Textile Tradition	SUTRA	ICCR, Kolkata	16 <sup>th</sup> -17 <sup>th</sup> February 2010	<i>Participated only as a delegate</i>
20	28 <sup>th</sup> Biennial Conference of the Home Science Association of India	Home Science Association of India (Kolkata Chapter) jointly in association with JD Birla Institute	J D Birla Institute, Kolkata	7 <sup>th</sup> -9 <sup>th</sup> January 2010	<b>Paper:</b> Studies on selective chemical treatment of jute, cotton and jute-cotton union fabrics
					<b>Poster:</b> Studies on repeated dyeing of silk with red sandalwood using selective mordants
21	15 <sup>th</sup> Biennial International Congress of Asian Regional Association of Home Economics	Asian Research Association for Home Economics (ARAHE) in joint association with School of Fashion Technology, Pune (Maharashtra)	SOFT, Pune	11 <sup>th</sup> -15 <sup>th</sup> December 2009	<b>Paper:</b> Study on Application of Selective UV-Absorbers / Antioxidant Compounds by Different Techniques for Improving the Photo-stability of Jute and Jute-Cotton Union Fabric
22	All India seminar on 'Challenges in technology and market development for jute and other natural fibre industry'	Textile Engineering Division, West Bengal State Centre, Institute of Engineers (India)	Institution of Engineers, Kolkata	14 <sup>th</sup> November 2009	<b>Paper:</b> Challenges Faced by Handloom Saris from Natural Fibres: A Threat to this Heritage of West Bengal
23	27 <sup>th</sup> Biennial Conference of the Home Science Association of India	Home Science Association of India	M H Govt, College for Science and Home Science, Jabalpur	27 <sup>th</sup> -29 <sup>th</sup> December, 2007	<b>Poster:</b> A comparative study on the buying behavior of females of various age groups towards selection of clothing
24	1-day Seminar on 'Diversified product and value addition in handlooms'	National Handloom Development Corporation Ltd., Govt. of India (Cluster Development Programme)	Durgapur, West Bengal	11 <sup>th</sup> January 2007	<b>Paper:</b> Value addition and product diversification of handloom textiles
25	26 <sup>th</sup> Biennial Conference of the Home Science Association of India	Home Science Association of India	SNDT College of Home Science, Pune	27 <sup>th</sup> -29 <sup>th</sup> December 2005	<b>Paper:</b> Concurrent acid dyeing and resin finishing of jute fabric
					<b>Poster:</b> Study on low temperature and energy efficient bleaching of jute and jute-cotton union fabrics
26	18 <sup>th</sup> National Convention of Textile Engineers and national seminar on 'Innovative and diversified jute products'	Textile Engineering Division (West Bengal chapter) in collaboration with NCJD (Ministry of Textiles, Govt. of India)	Institution of Engineers, Kolkata	16 <sup>th</sup> -17 <sup>th</sup> March 2005	<b>Paper:</b> Low temperature eco-friendly bleaching of jute and jute-cotton union fabrics
27	National Convention of Textile Engineers and all India Seminar on	Institution of Engineers (India)	Institution of Engineers, Kolkata	26 <sup>th</sup> -27 <sup>th</sup> March 2004	<b>Paper:</b> Enzyme treatment on jute/cotton union fabric aimed at improved aesthetics and

	‘Sustainable development in jute and textile industry’				textile-related properties
28	International Conference on ‘Two thousand years of trade between the Indian subcontinent and the world’	SUTRA	The Park, Kolkata	14 <sup>th</sup> October 2003	<i>Participated only as a delegate</i>
29	25 <sup>th</sup> Biennial Conference of the Home Science Association of India	Home Science Association of India	Lady Amritbai Daga College & Ratnabai Purohit College, Nagpur	10 <sup>th</sup> -12 <sup>th</sup> October 2003	<b>Poster:</b> Application of selective UV-absorbers on jute and jute/cotton union fabrics aimed at reduction in photo-yellowing
30	Seminar on ‘Industry-Institute cooperation’	Institute of Jute Technology (IJT)	Kennedy Hall, IJT	23 <sup>rd</sup> September 2003	<i>Participated only as a delegate</i>
31	National Interdisciplinary Seminar on ‘Green consumption’	Smt. J D Birla Institute	Vidya Mandir, Kolkata	12 <sup>th</sup> September 2003	<i>Participated only as a delegate</i>
32	Seminar on ‘Current challenges in textile processing’	Dye Chem International	Smt. J D Birla Institute premises, Kolkata	1 <sup>st</sup> February 2003	<b>Paper:</b> Effect of treatment with some surfactants on reactive dye dyed cotton fabrics
33	National Seminar on ‘Conservation and management of natural resources to check environmental degradation’	UGC	Malda College, Malda	11 <sup>th</sup> -12 <sup>th</sup> January 2003	<b>Paper:</b> Studies on the paper pulp characteristics and properties of handmade paper made from natural fibre
34	National Convention of Textile Engineers on ‘Textile–globalization and its challenges and strategies’	Institution of Engineers, Kolkata	Institution of Engineers, Kolkata	5 <sup>th</sup> -6 <sup>th</sup> January 2002	<b>Paper:</b> Application of UV-absorbers and anti-oxidant compounds on jute and jute/cotton union fabrics aimed at reduction in sunlight fading/yellowing
35	2 <sup>nd</sup> Convention on ‘Natural dyes’	Indian Institute of Technology	New Delhi	17 <sup>th</sup> -18 <sup>th</sup> December 2001	<b>Paper:</b> Application of single & mixture of selected natural dyes on cotton fabric
36	24 <sup>th</sup> Biennial Conference of the Home Science Association of India	Home Science Association of India	Lady Irwin College, New Delhi	3 <sup>rd</sup> -5 <sup>th</sup> October 2001	<b>Poster:</b> Studies on the paper pulp characteristics and properties of handmade paper made from natural fibre

## **EXTRA CURRICULAR ACTIVITIES**

- Received formal training in **Indian Classical Dance** (Bharatnatyam) for 9 years at Sangeet Shyamala, Kolkata

*The above information is true to my knowledge.*

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Dr. Deepali Singhee  
Principal  
JD Birla Institute  
Kolkata