

PUBALINA SAMANTA

Qualifications:

- Pursuing Ph. D.under University of Calcutta
- M Sc in Textiles & Clothing, JU, 2015
- B Sc in Textile Science, Clothing & Fashion Studies, JU, 2013

Academic Work Experience:

- Presently Working as a *Full Time Lecturer* at the Dept. Of Fashion and Apparel Design in Rani Birla Girls' College Under Calcutta University as SACT - II
- Worked As *Contractual Full Time Lecturer* at The Dept. Of Fashion and Apparel Design at Rani Birla Girls' College Under Calcutta University
- Worked As *Lecturer* in Textile Design at Artsville - Institute of Art and Design

Responsibilities in the Present Job Profile:

- = Taking both Theory, Practical & Remedial Classes for Sem I, II & III students of
- 3yr. BFAD (Hons.) Course – Graduating Degree Course by University of Calcutta
Subjects Responsible for are –
 - Apparel Construction, Patternmaking, Draping & Garment Construction
 - Computer Aided Textile Designing & Portfolio Preparation
 - Fashion Event Management & Textile care and Conservation
- Responsible for conducting subject based Internal Assessment Examinations and Evaluating its scripts
- Responsible for Graduating Portfolio Preparation and Collection Plan
- Member of Institutional Committees and Performing Duties assigned accordingly – namely Cultural Subcommittee, Publication Committee & Research and Seminar Committee
- Mentoring Students of Sem I, II & III of the concerned department

Research Work Experience:

- B.Sc. Project: "Effect of Mordants for Natural Dyeing of Silk with Tesu Extract"
- M.Sc. Thesis: "Effect of Dyeing Process Variables on Natural Dyeing of Silk Fabric Using Extract from Palash (Tesu) Flowers"

Research Paper Publications:

Published 7 Research & Review Papers and Two Book Chapters:

1. "Effects Of Chemical Softening of Jute-Cotton Union Furnishing Fabric"-
Journal Of Materials, ASSCIT, USA
2. "Studies On Effect of Acid/Alkali and Cellulase Enzyme on Jute-Cotton Fabric,"
Journal of Textile Engg. And Fashion Technology (JTEFT)
3. "Studies On Dyeing Process Variables for Application of Test as Natural Dye on Silk Fabric, Journal of Natural Fibres (JNF), Poland, Published Online
4. Fundamentals And Applications of Computer Aided Colour Match Prediction (CCMP) System, Latest Trends in Textile and Fashion Design.
5. Fundamentals Of Natural Dyeing of Textiles –Pros and Cons, Current Trends in Fashion Technology and Textile Engineering (CTFTTE Journal)
6. A Review on Characterization and Standardization for Application of Natural Dyes on Natural Textiles: Part -1, Indian Journal of Natural Fibres (IJNF)
7. A Review on Fire Protective Functional Finishing of Natural Fibre Based Textiles: Present Perspective - Current Trends in Fashion Technology and Textile Engineering (CTFTTE Journal)
8. **Book Chapter** on "A Review on Application of Natural Dyes on Textile Fabrics and Its Revival Strategy" By Pubalina Samanta, In The Book On Chemistry And Technology Of Natural And Synthetic Dyes And Pigments, Intech. Open, London UK
9. **Book Chapter** on "Basic Principles of Colour Measurement and Colour Matching of Textiles and Apparels" by Pubalina Samanta, First Online Published: on January 16th, 2022, DOI: 10.5772/ intechopen.101442, in an International Book on Colorimetry published by InTech Open, London UK,

Industrial Work Experience:

- Experience Of 6 Months as A Consultant Designer for Jute Based Diversified Products Design in MARGDARSHAK and Tradecraft (UK).
- Experience Of 1month As a Quality Controller in RPV Exports
- Interned at Associated Exports For 8 Weeks
- Worked as a Freelancer since 2012 - 2016

PERSONAL DETAILS

Name of the Candidate: Pubalina Samanta

Gender: Female

Daughter of: Mrs. Kalpana Samanta (Mother)

Ashis Kumar Samanta (Father)

Contact Details of the Candidate: 9007994052 (Mobile No.)

pubalina@gmail.com (e-mail address)

Permanent Postal Address:

House No.: 42A,

Street: Dr. Girindra Sekhar Bose Road.

Locality: Picnic Garden

Post Office: Tiljala

Police Station: Kasba

District & City: Kolkata

Pin Code: 700039

State: WestBengal

Nationality: Indian

Religion: Hindu

Marital Status: Married

Date of Birth: **30th November 1989 (30.11.1989)**

Age: **34 Years**



Educational qualifications:

Sl. No	Degree	University/ Board	Institute	% of Marks	All Subjects Studied	Year of Passing	Specializations or Major Subjects
1.	M.Sc. in Textiles & Clothing	Jadavpur University	J. D. Birla Institute	63.81 CGPA 8.57	*Textile & Clothing (Details are given below)	July 2015	Textiles and Clothing
2.	B.Sc. (Hons.) in Textile Science, Clothing & Fashion Studies	Jadavpur University	J. D. Birla Institute	56.28	**Textile Science, Clothing & Fashion Studies (Details are given below)	2013	Textile Science, Clothing and Fashion Studies
3.	Uchha Madhyamik Pariksha (Higher Secondary Examination)	(WBCHSE) West Bengal Council of Higher Secondary Education	Ballygunge Shisha Sadan Kolkata	72.4	English, Bengali, Home Science, Computer Application, Nutrition, & Geography	2010	Home Science Nutrition Geography Computer application & Languages (English and Bengali)
4.	Madhyamik Pariksha (Secondary Examination)	(WBBSE) West Bengal Board of Secondary Education	South Point High School	67.5	English Bengali Mathematics Physical Science Life Science Additional: Biology & History	2007	English Bengali Mathematics Physical Science Life Science Additional: Biology History

Subjects in B.Sc. (Hons.) In Textile Science, Clothing and Fashion Studies

Introduction to Textile Science and Fibre Science, Yarn Manufacture, Fabric Manufacture, Non-woven & Knitting Technology, Textile Preparatory Processing & Finishing, Textiles Dyeing & Printing, Inspection & Quality Control in Textile & Apparel Manufacturing Industry, Textile Testing & Garment Testing, General Physical Science, General Chemical Science, Communication Skills and Personality Development, Ornamentation of Textiles: Thread-work & Yarn Craft, Historical Costumes, Traditional Textiles of India, Ethics & Environmental Studies, Environmental Science & Eco-friendly Textile, Principles of Marketing Management, Entrepreneurship Development & Basic Finance, Garment manufacturing Technology, Fundamentals of Sewing & Children's Clothing, Fundamentals of Clothing Construction, Basic Apparel Construction, Draping & Garment Construction, Advanced Apparel Construction, Pattern Making & Grading, Fundamentals of Textile Design, Fashion Forecast & Portfolio, Fashion Illustration, Visual Merchandising.

*** Subjects in M.Sc. in Textiles & Clothing*

Specialty Fibres & Technical Textiles, Fabric Design & Technical Fabrics, Textile Chemical Processing, Garment Manufacturing Technology, **Garment Construction and Draping**, Pattern Making, Entrepreneurship Development & Financial Management, **Textile & Fashion Marketing and Regulatory Framework**, Clothing Psychology & Fashion Concepts, Craft Documentation & Product Development, **Fashion Illustration**, **CAD in Textile & Fashion Designing**, Computer Application and Information in Communication Technology, **Statistics**, Research Methodology, Field Visit & Seminar, Minor Project, and **Dissertation (Major Project Work)** , Internship

Internships:

Sl. No	Designation	Organisation	Job Profile	Stipend	Duration	Achievements
1.	Trainee Designer / Intern	Associated Exports	Worked in Fabric manufacturing & its design, natural & Synthetic Dyeing and Quality Control	Unpaid training	8 weeks 1 st Sept 2015 – 31 st Oct. 2015	Learnt about Design & related Manufacture of Textile fabrics (by handloom), its dyeing (also with natural dyes), and construction of scarf and garments etc.
2.	Trainee/ Intern	Margdarshak Services Ltd. Kolkata and Traidcraft, Exchange UK	Worked for Designing of Garments & Accessories Etc for 6 SMEs under Margdarshak for A project.	Unpaid Training	8 th July 2013 – 17 th August 2013 and extended to Nov-2013	Learnt about Textile Design including Computer aided Textile Design (CATD) for designing of Textiles, Garments, Different Bags, and accessories

WORK EXPERIENCE: *Industrial*

Sl. No	Designation	Organisation	Job Profile	Remuneration	Duration	Achievements
1.	Fashion Choreographer and Trainer	B.P. Poddar Institute of Management (BBA-BCA Campus), Rani Birla Girls College, Taki Boys School, etc.	Choreographing, Planning and Execution of a Theme Based Fashion Show	Rs 12000/-LS	Since 2012	Able to motivate and perform as per expectation by two weeks exhaustive training by me for each project
3.	Consultant Designer	Margdarshak Services Ltd. Kolkata and Traidcraft, Exchange UK.	Creation/Modification of Design of Jute Diversified Products and Accessories for improved marketability at optimum cost of manufacturing	INR 90,000 for six months i.e., Rs15,000/- per month.x6 months	6 Months (1 st Phase: 1 st May – 31 st July 2013 and 1 st August 2013 to Nov'2013)	Successful creation/modification of 20 Jute diversified products for 6 SMEs and to train SMEs for manufacture of given Design or its modification by CATD thru Corel draw and Photoshop

WORK EXPERIENCE: *Academic*

Sl. No	Designation	Organisation	Job Profile	Remuneration	Duration	Teaching Specialization
1.	Lecturer in Textile Design (CAD)	Artsville-Institute of Art and Design At Salt Lake Kolkata	Teaching in State Council Course in Textile Design	Rs 15,000/- per month	02- 01-2016 and left on 25-09-2016 (Approx-7-months) -1 Semester.	Textile And Fashion Design by CATD Application
2	Full Time Lecturer at RBGC in BFAD (Presently Lecturer in BFAD under SACT-II)	Rani Birla Girls' College , Kolkata -17 (affiliated to CU)	Taking Regular Classes in Textiles & CATD	Rs 21,400/- Pm (15400/- BP+6,000/- Gr pays (Pre-Revised)	From 26 th Sept - 2016 to till date continuing Aprx-4.0 yrs	Garment Mfg. and Textile Sc and Textile Design by CATD and Illustration/ PORTFOLIO/ Fashion design

Additional Experience: Delivering Invited Lectures

Sl. No	Description of type of Lecture	Organisation where lecture was delivered	Assgiment Profile	Remuneration	Date and Duration	Specialization or Topic of invited lecture
1	Delivered Invited Lecture	J. D. Birla Institute, Kolkata	On Casual invitation basis	Not paid. Lecture as a IG Student	-May-June-2013 &As per required	Traditional Textiles & Costumes
2	Invited Lecture in Intl Technical Seminar at Dhaka, on 18 th and 19 th Dec-2019	Organised by REFOND Equipment Co. -China and M B Trade Corprm, Dhaka jointly for Industry	Invitation for Intl Seminar lecture on specific topic	To & Fro Fare and accommodation etc. was provided by the organisers.	Attended both day and lecture were on 19 th Dec-2020 at Dhaka, at Intl Seminar	Textile Fashion Trends & Garment Functional Finishing by Pubalina Samanta, RBGC.

Research Experience: **2 Projects Completed as B Sc, M Sc. Dissertations.**

- ♣ **Completed in Undergraduate Level B.Sc. (TCFS) Project work on “Effect of Mordants on natural dyeing of Silk with Tesu Extract”** under the guidance of Dr. Deepali Singhee, Principal, J.D. Birla Institute.
- ♣ **Completed PG Level M.Sc. Thesis on ‘Studies on Dyeing Process variables for Dyeing of Silk with Natural Dye Extract from Palash (Tesu) Flowers’** as a part of Post-Graduation Thesis/Dissertation work under the guidance of Prof. Dr. Deepali Singhee, J.D. Birla Institute.

CONFERENCE PAPER Presentations: Papers & Posters

Posters Presented: 2

- ♣ **Poster Presentation** with Deepali Singhee as Corresponding Author on the 'Effects of varying Mordants on specific colour and shade development while Dyeing Silk Fabrics with Natural Dyes' in International Seminar cum Workshop on Natural Dyes at IWND 2014 organised by ANGRU, Hyderabad held at NIMSME, Hyderabad.
- ♣ **Poster Presentation** with Deepali Singhee as Corresponding Author on “Studies on Dyeing Process Variables for Application of Tesu as Natural dye on Silk Fabric” in International Conference on Textile & Clothing: Present and Future Trends, on January 3-5, 2017, organized by Dept. Of Jute & Fibre Technology, University of Calcutta, India. Published in Book of Papers edited by Debashis Das. Pg. no. – 404 - 406

Papers Presented: 5

- ♣ **Presentation of one short paper on** 'Effects of varying Mordants on specific colour and shade development while Dyeing Silk Fabrics with Natural Dyes by Pubalina Samanta, at Academic Meet organised by FOSET at MCKV college, Liluah, Howrah in April 2015.
- ♣ **Presentation of one short paper on** ‘Studies on Dyeing Process variables for Dyeing of Silk with Natural Dye Extracted from Palash (Tesu) Flowers' by Pubalina Samanta at Academic Meet, organised by FOSET at Baidyabati, March- 2016.
- ♣ **Presentation of paper on** “Studies on Dyeing Process Variables for Natural Dyeing of Silk Fabric with Tesu Flower Petal Extract” by Deepali Singhee & Pubalina Samanta **at 2 – Days National Workshop on Natural Dyeing Textiles: In Batik and Shibori Style**, held at Dept.of Jute and Fibre Technology, University of Calcutta, on 16th & 17th September, 2016, Proceedings of the Natural dye Workshop, pg. xv-1-xv-25.
- ♣ **Delivered Lecture & Technical Paper** on “Textile Fashion Trends & Garment Functional Finishing” – by Pubalina Samanta on **19-12-2019 on 2nd day of International Technical Seminar and Town Hall Discussion on Textile Testing and processing Equipment for Quality Improvement for Garment Sector, at Hotel Sector-7, Uttara, Dhaka, Bangladesh. On 18th and 19th Dec-2019** under chairmanship of Prof Md Abdul Kashem, Vice Chancellor, Bangladesh University of Textiles, Dhaka and Prof. Ayub Nabi Khan, Pro-VC, BGMEA University of Fashion and Technology, Dhaka as Chief Guest.
- ♣ **Presented of Paper on** “Ecofriendly Dyeing & Finishing of Cotton with Bio – Mordant, Bio – Dye & Bio – Finishing for Improving Colour Fastness, Antimicrobial & UV – Protection Properties by Chemical & Physical Interventions” at the 3rd International Functional Textiles and Clothing Conference, FTC 23 held at IIT Delhi, India from 10th – 12th February, 2023

Attended/Participated in National /International Seminars, CONFERENCES & Workshop etc: Total -14 nos.

- Attended and presented a Paper on “Ecofriendly Dyeing & Finishing of Cotton with Bio – Mordant, Bio – Dye & Bio – Finishing for Improving Colour Fastness, Antimicrobial & UV – Protection Properties by Chemical & Physical Interventions” The 3rd International Functional Textiles and Clothing Conference, FTC 23 held at IIT Delhi, India from 10th – 12th February, 2023
- Attended and delivered an invited lecture and presented a Technical Paper in the International Technical Seminar and Town Hall Discussion on *Textile Testing and Processing Equipment for Quality Improvement for Garment Sector*, at Hotel Sector-7, Uttara, Dhaka, Bangladesh on 18th and 19th Dec-2019
- Attended and presented one paper in 2–Days National Workshop on *Natural Dyeing Textiles: In Batik and Shibori Style*, held at Dept. of Jute and Fibre Technology, University of Calcutta, on 16th & 17th September, 2016
- 7th All India inter Engineering College Academic Meet and Science and Technology Exhibition for a Sustainable Society on **Jute Textile and Fibre Technology** organised by Forum of Scientists, Engineers and Technologists (FOSET) - at Baidyabati, March- 2016
- National Seminar on “Indian Handloom Textiles in the Context of Globalisation” by Dept. of Silpa Sadan, Visva-Bharati, West Bengal at Sriniketan – 2015
- 6th All India inter Engineering College Academic Meet and Science and Technology Exhibition for a Sustainable Society on **Jute Textile and Fibre Technology** organised by Forum of Scientists, Engineers and Technologists (FOSET) at MCKV Institute of Engineering at Liluah, Howrah in April 2015.
- Workshop on “**Bandhej – Tie & Dyed Textiles of Rajasthan**” in association with Marudhara at J.D. Birla Institute – 2014
- International Workshop on Natural Dyes by Acharya N. G. Ranga Agricultural University, Hyderabad at Ni-msme, Hyderabad – 2014
- Specialist Talks, Exhibitions, Workshops & Demonstrations at **Colours of Nature – an event on Natural Dyes** organised by Sutra Textile Studies in Collaboration with The Botanical Survey of India at ICCR, Kolkata – 2014
- International Seminar on “**Environment and its impact on Society**” in Parallel Session for Textiles at J.D. Birla Institute – 2013
- Special Lecture on “**Foundation Garments**” by Ms. Swati Gautam at J. D. Birla Institute – 2013
- National Workshop and Seminar on “**Vegetable Dye and its application on Textiles**” by Dept. of Silpa Sadan, Visva-Bharati, West Bengal at Sriniketan – 2011
- Workshop on “**Colour Psychology**” in Association with *The Society of Dyers and Colourists, India* at JD Birla Institute – 2011
- Seminar on “**The Implications of Vastu & Fengshui in Interiors**” by Association of Architects Builders Interior Designers and Allied Business at J.D. Birla Institute- 2010

List of Publications:

1. "Effects of Selective Chemical Softening and Different Modes of Citric Acid Treatment on Properties of Jute-Cotton Union Furnishing Fabric" by Deepali Singhee, Pubalina Samanta and A.K. Samanta and Sunanda Mitra Ray in the Journal of Materials, ASSCIT, USA, Vol 1(4), 2015, p-111-122. ISSN *Print*: 2472-9736 ISSN *Online*: 2472-9752.
2. 'Studies on Dyeing Process variables for Dyeing of Silk with Natural Dye Extracted from Palash (Tesu) Flowers', by Dr. Deepali Singhee and Pubalina Samanta, Journal of Natural Fibres, Poland. DOI: [10.1080/15440478.2018.1453430](https://doi.org/10.1080/15440478.2018.1453430), published on line March -2018, p-1-15, and Print Version Vol 16 (8), 2019, p- 1098-1112, ISSN: 1544-0478 (Print) & 1544-046X (Online)
3. "Studies on Effect of Acid/Alkali and cellulase enriched enzyme treatment on properties of Jute-Cotton Union Fabric," by A.K. Samanta, Sunanda Mitra Ray, Deepali Singhee & Pubalina Samanta, Journal of Textile Engg. and Fashion Technology (JTEFT), Vol.-1(2) 2017, p 1-9, eISSN: 2574-8114 (online)
4. Fundamentals and applications of Computer aided Colour Match Prediction (CCMP) System, by Pubalina Samanta, Latest Trends in Textile and fashion design, Vol-2(5) -2018, p1-10. ISSN: 2637-4595
5. Fundamentals of Natural Dyeing of Textiles-Pros and Cons, By –Pubalina Samanta, Deepali Singhee and A. K. Samanta, Current Trends in Fashion Technology and Textile Engineering (CTFTTE journal), Vol-2(4) -2018, p1-07. ISSN: 2577-2929
6. A Review on characterization and standardization for application of natural dyes on natural textiles: Part - 1. Pubalina Samanta, Indian Journal of Natural Fibres (IJNF), Vol-5 (no-2), Januray-2019, P-53-63, ISSN :2348-7445.
7. A Review on Fire Protective Functional Finishing of Natural Fibre Based Textiles: Present Perspective, Ayan Pal, Pubalina Samanta A Bagchi, Tapas Ranjan Kar and Ashis Kumar Samanta, Current Trends in Fashion Technology and Textile Engineering (CTFTTE journal), Vol-5(1) –Sept-2020, P-11-30. ISSN: 2577-2929

BOOK CHAPTER: 2

8. **Book Chapter** on "A review on application of Natural dyes on Textile Fabrics and its revival strategy" by Pubalina Samanta, In the Book on Chemistry and Technology of Natural and Synthetic dyes and pigments, Edited by Ashis Kumar Samanta, Nasser S Awwad & Hamed Majdooa Algarni, InTech Open, London UK, ISBN: 978-1-78985-998-0(On Line)–Jan-2020 & ISBN: 978-1-78985-997-3, (Print)-June-2020, Ch-3, p-75-98, DOI: [10.5772/intechopen.90038](https://doi.org/10.5772/intechopen.90038).
9. **Book Chapter** on Basic Principles of Colour Measurement and Colour Matching of Textiles and Apparels, by Pubalina Samanta, First Online Published on January 16th, 2022, DOI: [10.5772/intechopen.101442](https://doi.org/10.5772/intechopen.101442), in an International Book on Colorimetry published by InTech Open, London UK, Print Ch- 5, p- 75

Other Knowledge Gained and Courses COVERED:

Sl. No.	Name of the Course	Institute / Organisation	Duration	Year
1.	Trained in various dance forms under Shri Biswajit Sarkar and Smt. Ayesha Sarkar	South Point School & Biswayan	9 years	2004 - 2013
2.	IELTS Regular Course (March to May 2014)	British Council, Kolkata	6 weeks	2014
3.	Basic Programme on Personality Development	Super Soft Finishing School in association with J. D. Birla Institute	-----	2011
4.	Marine Awareness Course	Sea Explorer's Institute, Kolkata	May 2009	2009
5.	Production Oriented Theatre Workshop	National School of Drama, New Delhi in collaboration with Shishu Kishore Akademi	1 month	2008
6.	Senior Diploma Part I & II in Recitation	Sarba Bharatiya Sangeet – O – Sanskriti Parishad, India	2 years	1997 - 99
7.	Junior & Senior Diploma in Rabindra Sangeet	Sarba Bharatiya Sangeet – O – Sanskriti Parishad, India	3 years	1997- 2000
8.	Junior Diploma in Drawing & Painting	Sarba Bharatiya Sangeet – O – Sanskriti Parishad, India	1 year	1998
9.	Junior Diploma in Art Final	Sarba Bharatiya Sangeet – O – Sanskriti Parishad, India	1 year	1998 - 99
10.	Junior Diploma in Art Pre-Primary	Sarba Bharatiya Sangeet – O – Sanskriti Parishad, India	1 year	1996 - 97

Languages Known:

	<i>Read</i>	<i>Write</i>	<i>Speak</i>
English	✓	✓	✓
Bengali	✓	✓	✓
Hindi	✓	✓	✓

- **Computer aided Colour Measurement/ Matching (Spectrophotometer)** experience as a part of academic work.
- **Textile Designing** and Illustration by **CAD** Using **Corel Draw, Adobe Photoshop, Auto-CAD** - as part of academic syllabi.
- 80 hrs. & 192 hrs. Courses in **3D Max 6.0** and **3D Max from Arena Animation** from the year 2007 - 2009
- **Very well versed** with Microsoft Office - **MS Word, MS Excel, and MS Access** etc.
- Logo, HTML, DOS etc. as High School Computer Training
- Trained in the **I. T. Kids School of Tomorrow Curriculum** from the year 2001-2005
- **Awarded 2nd Position** in Computer Project by I.T. Kids, Salt Lake in the year 2003

Declaration: I do hereby declare that all the statements made above are true, complete and correct to the best of my knowledge and belief.

Place: Kolkata
Date: 01-03-2023

Pubalina Samanta

Signature of the Candidate
(PUBALINA SAMANTA)