

# CURRICULUM VITAE



1. Name : **SUSANTA SEKHAR DE**
2. Professional Qualification : *Master of Science (Technology)  
in Mechanical Processing of Textiles*
3. Present Status : *Working as Assistant Professor in  
Government College of Engineering  
& Textile Technology, Serampore  
under WBGS*

## Professional Experiences as Assistant Professor

1. *Academic Teaching Experience in the field of Textiles and related subjects to the undergraduate (B Tech level) as well as post-graduate (M. Tech level) students of Textile Technology with a specialization in Yarn Technology (Spinning) and Structure, Theory and design of Spinning machineries as well as Product designing, Entrepreneurship development etc. for about 9½ years in Government College of Engineering & Textile Technology, Serampore.*
2. *Experience of Institutional Governance work such as Hostel Superintendent of Boys' Hostel within the college campus for last 6½ years in Government College of Engineering & Textile Technology, Serampore.*
3. *Experience of Academic-Administration work with active involvement in Students Welfare and Disciplinary Committee, Anti-Ragging Committee, Anti-Ragging Squad, College Networking Committee, Library Committee Scholarship Committee, Examination Committee etc.*
4. *Acting as an Examiners, Question Paper Setter and Evaluator of different external and internal examination (theoretical and practical) under MAKAUT (formerly known as WBUT University and also External Paper-setter of Vignan University.*
5. *Experience of Academic Project Formulation, Project guidance to the undergraduate as well as post-graduate students of Textile Technology and Apparel field.*
6. *Experience of leading different Extension works of Institution inside and outside such as working as OIC Exam of WBJEEB-2012 and WBJEXPO-2012, as Board Observer in different of WBJEEB Examinations from 2014 onwards and as RC Admission Officer of WBJEEB e-Counselling Process from 2012 to 2018.*

## 7. Details of Training Programme/Conference Attended :

Sl No.	Training Programme/ Conference	Sponsored/Conducted by	Duration
1.	One Day Workshop on <b>Udyog Aadhaar Memorandum (UAM) and GST</b>	Government College of Engineering & Textile Technology, Serampore (W.B.) in collaboration with MSME	Oct, 2017
2.	National Seminar on <b>“Emerging Trends in Textile, Fibre &amp; Apparel Engineering 2017”</b>	Government College of Engineering & Textile Technology, Berhampore (W.B.) under TEQIP II	2-3 January, 2017
3.	One Day Conference on <b>“Latest Technology in Knitwear Industry: Keeping Pace with Global Standard”</b>	Federation of Hosiery Manufacturing Association of India (FOHMA)	16 <sup>th</sup> September, 2016
4.	One Day <b>National Employability Conclave</b>	Aspiring Minds, Kolkata	September, 2016
5.	Short Term Training Programme on <b>“Outcome based Education and Accreditation”</b>	National Institute of Technical Teachers' Training & Research, Kolkata	8 <sup>th</sup> – 19 <sup>th</sup> August, 2016 (Two Weeks)
6.	Three Day Training Programme on <b>IBM SPSS</b>	MICRO-PRO	8 <sup>th</sup> -10 <sup>th</sup> March, 2016
7.	3 <sup>rd</sup> National Conference on <b>“Emerging Trend in Textile Fibre and Apparel Engineering”</b>	Government College of Engineering & Textile Technology, Berhampore (W.B.)	19-21 February, 2016
8.	Short Term Training Programme on <b>“Introduction To Research in Education”</b>	National Institute of Technical Teachers' Training & Research, Kolkata	25 <sup>th</sup> -29 <sup>th</sup> January, 2016 (One Week)
9.	Summer School on <b>“Introduction to MATLAB &amp; SIMULINK: It's Engineering Application”</b>	Government College of Engineering & Textile Technology, Berhampore (W.B.) under TEQIP II	29 <sup>th</sup> June, 2015 to 3 <sup>rd</sup> July, 2015 (One Week)
10.	International Conference on <b>Natural Fibres, 2014</b>	The Indian Natural Fibre Society (TINFS)	1 <sup>st</sup> -3 <sup>rd</sup> August, 2014
11.	2 <sup>nd</sup> National Conference on <b>“Emerging Trends in Textile, Fibre &amp; Apparel Engineering 2013”</b>	Government College of Engineering & Textile Technology, Berhampore (W.B.) under TEQIP II	21 <sup>st</sup> -22 <sup>nd</sup> December, 2013
12.	5 <sup>th</sup> National Conference on <b>Leadership</b>	Confederation of Indian Industries (CII), Kolkata	11 <sup>th</sup> December, 2013
13.	Faculty Development Programme on <b>Entrepreneurship Development</b>	Enterprise Development Institute, Kolkata under DST-NIMAT Project (GOI)	2 <sup>nd</sup> January to 13 <sup>th</sup> January, 2012
14.	Training Programme on <b>“Development of Competency Based Curriculum in Technical Courses”</b>	National Institute of Technical Training & Research, Kolkata	20 <sup>th</sup> June to 1 <sup>st</sup> July, 2011

### Research Domain:

Spun-based and Ply-based Fancy Yarns, Yarn Structure, Apparel Comfort etc.

8. Number of Publications: 12

<b>Title of Publication</b>	<b>Name of the Journal/Book</b>	<b>Date of publication</b>
<b><i>Studies on Mechanical and Hydraulic Properties of JGT for Geo-technical Application</i></b>	Journal of The Institute of Engineers (India)	<b>August 2005</b>
<b><i>Assessment of Fibre Quality and Physical Properties of Sunnhemp fibres for its suitable applications in Textiles</i></b>	Manmade Textiles in India (Journal)	<b>December 2006</b>
<b><i>Tensile Creep Behaviour of Light weight Jute Non-woven</i></b>	Manmade Textiles in India (Journal)	<b>April 2007</b>
<b><i>Effect of bio-friendly conditioning agents on jute fibre spinning</i></b>	<b>Industrial Crops &amp; Products (Journal)</b>	<b>March 2009</b>
<b><i>Control of Soil Moisture and Temperature by Light Weight Jute Fabrics</i></b>	Journal of The Institute of Engineers (India)	<b>February 2010</b>
<b><i>Selection of Tossa Jute (Chorcorus olitorius L.) Germplasm on the basis of Fibre Quality</i></b>	Jute & Allier Fibres: Production, Utilization & Marketing	<b>January 2010</b>
<b>Modified flush door using jute composite</b>	Jute & Allier Fibres: Production, Utilization & Marketing	<b>January 2010</b>
<b><i>Study the effect of wicking on cotton yarns</i></b>	Book of Proceedings of 3 <sup>rd</sup> National Conference on Emerging Trend in Textile Fibre and Apparel Engineering	<b>February 2016</b>
<b><i>Influence on different cotton yarn structures on wicking characteristics</i></b>	American International Journal of Research in Science, Technology, Engineering and Mathematics	<b>August 2016</b>
<b><i>Some Critical aspects of Ply-based Fancy Doubling Yarns</i></b>	Book of Proceedings of National Seminar on Emerging Trend in Textile Fibre and Apparel Engineering, 2017	<b>January 2017</b>
<b><i>“Study the Wicking Phenomena in Different Directions of Cotton Plain and Twill Fabrics made of variable Yarn Count”;</i></b>	<i>Book of Papers of International Conference of Textile &amp; Clothing; Present and Future Trend</i>	<b>January 2017</b>
<b><i>Jute Lunch Bag With Heating Arrangement</i></b>	<i>Book of Papers of International Conference of Textile &amp; Clothing; Present and Future Trend</i>	<b>January 2017</b>

Research and Industrial Experiences:

A) Research Experiences - 8 years

B) Industry Experiences - 1 year

Research Domain:

Spun-based and Ply-based Fancy Yarns, Yarn Structure, Apparel Comfort.

### Details of Educational/Professional qualification:

Sl. No.	Name of the College/ University	Degree/ Exam Passed	Year of Passing	Subjects taken with Specialization	Class/ Division	%of Marks
1.	UNIVERSITY OF CALCUTTA (College Of Textile Technology, Serampore)	M. Sc. (TECH) In MECHANICAL PROCESSING OF TEXTILES	2001	Advanced Spinning & Weaving, Technical Textiles, High Performance Fibres, Physical Properties Of Fibres, Knitting, Non-Woven Etc. (Specialization in Spinning)	1 <sup>ST</sup> [Rank 1 <sup>st</sup> In Univ. Exam]	77.3%
2.	UNIVERSITY OF CALCUTTA (College Of Textile Technology, Serampore)	B. Sc. (TECH) In TEXTILE TECHNOLOGY	1997	Spinning, Weaving, Textile Chemistry, Textile Testing, Fibre Sc., Yarn & Fabric Structure Etc. (Specialization in Spinning)	1 <sup>ST</sup>	65.3%
3.	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION	HIGHER SECONDARY (+2) EXAM.	1993	Bengali, English, Physics, Chemistry, Mathematics & Biology	1 <sup>ST</sup>	79.7%
4.	WEST BENGAL BOARD OF SECONDARY EDUCATION	MADHYAMIK EXAM.	1991	Bengali, English, Mathematics, Physical Science, Biological Science, Geography & History	1 <sup>ST</sup>	76.2%

Professional Memberships - Life Member in “The Indian Natural Fibre Society” (TINFS).

### Consultancy activities -

- A) Motivational Training to Mill Workers of Vishnu Cotton Mills, Barasat.
- B) Project Conducted on Conversion of cotton yarns of NTC (Arati Cotton Mills) for Knitted finished products like T-shirts, Leggings, undergarments etc.
- C) DPR Preparation for Readymade Garment Plant set-up of M/S Prakash Apparel Pvt. Ltd.
- D) Conducted various activities Soft Intervention Programme on Different Cluster related activity such as Silk-Printing Cluster, Serampore; Industrial Hand-Gloves Cluster, Rishra and Hosiery Cluster, Rishra.

Personal Details:

1. Father's Name : SAMARTHAN DE
  2. Mother's Name : PURABI DE
  3. Spouse Name : MAHUA DE
  4. Address
    - (a) Communication Address : MERLIN UTTARA, Block - 5, Flat# - 2A  
94/7 K G T Road, Kotrung, Hindmotor,  
Hooghly-712 233 (WEST BENGAL)
    - (b) Permanent Address : 36/6/29 BHATTACHARJEE PARA LANE  
P.O. - SANTRAGACHI  
HOWRAH - 711 104 (WEST BENGAL)
    - (c) Telephone/Mobile No. : 9433851664 (M) / 9088102788 (M)
    - (d) E-mail address : [susantasde@yahoo.com](mailto:susantasde@yahoo.com)
  5. Date of Birth : 23<sup>rd</sup> August, 1974 (23.08.1974)
  6. Sex : Male
  7. Status : Married
  8. Caste Category : General
  9. Religion : Hindu
  10. Nationality : Indian
  11. Language Proficiency : Bengali, English & Hindi
  12. Additional Information:
    - I) Acting as an Evaluator in **Children Science Congress 2013 (Regional Level)**
    - II) Acting as a judge in **7th All India Inter Engineering College Academic Meet-2016 organised by FOCET, Kolkata**
    - III) Acting as **Coordinator of Soft Intervention Programme of Rishra Industrial Hand-Gloves Cluster of conducted by GCETTS in collaboration with District Industries Centre (DIC), Hooghly, West Bengal.**
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