



UNIVERSITY OF CALCUTTA

ACADEMIC DEPARTMENT – JUTE AND FIBRE TECHNOLOGY

FACULTY ACADEMIC PROFILE/ CV

1. **Full name of the faculty member:** ASIS MUKHOPADHYAY
2. **Designation:** PROFESSOR
3. **Specialisation :** TEXTILE PHYSICS
4. **Contact information :** 9433882282; mukhrtjee.asis27@gmail.com



5. **Academic qualifications:**

College/ university from which the degree was obtained	Abbreviation of the degree
UNIVERSITY OF CALCUTTA	Ph.D
UNIVERSITY OF CALCUTTA	M.Sc Tech
UNIVERSITY OF CALCUTTA	B.Tech
UNIVERSITY OF CALCUTTA	B.Sc (Hons in Physics

6. **Positions held/ holding:** Head of the Department (Jan, 2018-)

7. **Research interests:** Structural Mechanics of Fibres, Yarns, and Fabrics

8. **Research guidance :**

Number of researchers awarded M.Phil/ Ph.D degrees :1.....

Number of researchers pursuing M.Phil/ Ph.D : 4.....

9. **Projects :**

10. **Select list of publications:** 20 research papers

Sl. No.	Title with Page Nos.	Journal	ISSN /ISBN No.	Whether peer reviewed Impact Factor, if any	No. of Co-author	Whether you are the main author
1.	Structural Mechanics of Jute-The effects of hemicellulose and lignin removal. Vol.84 (3), 1993, pp. 348.	The Journal of the Textile Institute	1754-2340 (Online) 0040-5000 (Print)	Yes (0.725)	2	Yes
2.	Some studies on the physical properties of Dref 2 spun yarns. Vol. 3 (10), 1995, pp 82.	Asian Textile Journal		Yes	2	No
3.	Structure property relationship in rotor and friction spun yarns Vol.76, E, 1995, pp 129.	Meliand Textilberichte		Yes	2	No
4.	Mechanical behavior of chemically texturized jute fabric Vol.20, 1995, pp 86.	Indian Journal of Fibre and Textile Research	0975-1025 (Online) 0971-0426 (Print)	Yes (0.6)	2	No
5.	Measurement of hairiness of jute yarns by discrete and integral methods Vol. 24, 1999, pp 177.	Indian Journal of Fibre and Textile Research	0975-1025 (Online) 0971-0426 (Print)	Yes (0.6)	4	No
6.	Mechanical behavior of jute viscose blended Dref 2 yarns at varying twists. Vol.8 (10), 1999, pp 42.	Asian Textile Journal		Yes	2	No
7.	Tensile characteristics of rotor and friction spun jute blended yarn Vol. 70 (8), 2000, pp 723.	Textile Research Journal		Yes	2	No
8.	Study of fabric assistance of jute fabric with different counts and setts of weft yarn Vol. XXXIX (12), 2011, pp 425.	Man Made Textiles in India	0377-7537	NA But recognized and reputed journal having ISSN number	1	Yes
9.	Effect of clay concentration on morphology and properties of hydroxypropyl methyl cellulose films Vol. 96, 2013, pp 57	Carbohydrate Polymers, Elsevier		Yes	6	No
10.	Effect of poly vinyl pyrrolidone on the morphology and physical properties of poly vinyl	Progress in Natural Science: Materials International		Yes	8	No

	alcohol/sodium montmorillonite nanocomposite films Vol. 23(6), 2013, pp 579					
11.	Influence of twist on tensile and abrasion properties of DREF-II friction spun plied yarns Online Journal, 2014	American International Journal of Research in Science, Technology, Engineering and Mathematics	2328-3580 (Online) 2328-3491 (Print) 2328-3629 (CD-ROM)	Yes (5.01)	2	No
12.	Studies on Tensile Properties of Ramie blended yarns based on its component fibre properties Online Journal, 2015	American International Journal of Research in Science, Technology, Engineering and Mathematics	2328-3580 (Online) 2328-3491 (Print) 2328-3629 (CD-ROM)	Yes (5.01)	5	No
13.	Cationization of periodate oxidized cotton cellulose of muslin fabric using natural amino acid extract from soya bean seed waste and its eco-friendly dyeing Vol.1(4), 2015, pp 142	Journal of Materials Sciences and Applications		Yes	4	No
14.	Studies on dyeing process variables for salt free reactive dyeing of glycine modified cationized cotton muslin fabric Vol. 96(1), 2015, pp 31	Journal of The Institution of Engineers (India)-Textile Engineering Division, Series-E	2250-2491 (Online) 2250-2483 (Print)	Yes (0.5)	4	No
15.	Study on the effect of different woven structures on physical properties of cotton muslin fabric Vol. 12, 2015, pp 444	Journal of Natural Fibres	1544-046X (Online) 1544-0478 (Print)	Yes (0.55)	3	No
16.	Mechanics of filled jute bag Vol. 106 (2), pp 206	The Journal of the Textile Institute	1754-2340 (Online) 0040-5000 (Print)	Yes (0.725)	2	Yes
17.	Time-dependent Mechanical Behaviour of Jute Yarn Vol. 14(1), pp 01	American International Journal of Research in Science, Technology, Engineering and Mathematics	2328-3580 (Online) 2328-3491 (Print)	Yes (5.01)	4	Yes
18.	Study on the Bursting Strength of Jute Fabric Vol. 14(2), pp 144	American International Journal of Research in Science, Technology, Engineering and Mathematics	2328-3580 (Online) 2328-3491 (Print)	Yes (5.01)	2	Yes
19	Eco-friendly salt free reactive dyeing of cotton (muslin) fabric after cationization with amino acid from soya	Textile Research Journal	e ISSN: 1746-7748 (Print) 0040-5175	Yes (1.59)	4	No
20	Study of the relation between bending length and drapability of fabrics	Indian Journal of Natural Fibres	2348-7445	Yes	8	No

11. **Membership of Learned Societies:** Textile Association of India; The Indian Natural Fibre Society

12. **Patents :**

.....
.....

13. **Invited lectures delivered:**

14. **Awards: Best paper award in the National Conference on Natural Fibres, NIRJAFT, 2018**

15. **Other notable activities:**