

RESUME OF ASHRAFUL ALAM

1.	Name	:	ASHRAFUL ALAM
2.	Father's name	:	Abul Kashem
3.	Mother's name	:	Mohela Khatun
4.	Husband's name	:	Not applicable
5.	Gender	:	Male
6.	Designation	:	Senior Scientific Officer
7.	Institution	:	Bangladesh Jute Research Institute
8.	Date of joining in the present position	:	31-01-2023
9.	Date of first joining in service	:	20-11-2017
10.	Date of birth and age(as date 22.02.2023)	:	01-10-1991, 31year 4 month 22 days
11.	Educational Qualification	:	

Degree/Diploma/ Certificate	Class/Grade/ Division	University/Institute/Board	Year
S.S.C.	4.81 out of 5.00	Tarakandi High School, Rajshahi Board	2007
H.S.C.	4.10 out of 5.00	Ullapara Science College, Rajshahi Board	2009
B. Sc. in Textile Engineering	3.58 out of 4.00	National Institute of Textile Engineering and Research (NITER), Dhaka University	2014

12. **Field of Specialization:** Jute Spinning for fine and medium count yarn production.

13. **Training:**

a) In Country:

Organization	Year	Duration		Name of programme
		Months	Days	
Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2020	0	14	Research Methodology
Bangladesh Agricultural Research Institute, Gazipur	2020	0	12	Research Methodology
Bangladesh Jute Research Institute, Dhaka	2018	0	3	Training of Trainers for the Dissemination of Industrial Technologies on Jute
Bangladesh Jute Research Institute, Dhaka	2018	0	03	Technical Report Writing and Editing
Bangladesh Jute Research Institute, Dhaka	2018	0	03	Data Analysis by Micro-computer
Bangladesh Jute Research Institute, Dhaka	2018	0	03	Administrative and Financial Management
Bangladesh Jute Research Institute, Dhaka	2018	0	03	Development Communication in Agriculture

Bangladesh Jute Research Institute, Dhaka	2019	0	02	Quality Control on Jute Goods
Bangladesh Jute Research Institute, Dhaka	2019	0	02	Modern Office Management
Bangladesh Jute Research Institute, Dhaka	2019	0	01	Jute Textile Product Research & Development
Bangladesh Jute Research Institute, Dhaka	2019	0	01	Jute Industrial Product Research & Development
Bangladesh Jute Research Institute, Dhaka	2019	0	01	জাতীয় শুদ্ধাচার কৌশল
Bangladesh Jute Research Institute, Dhaka	2019	0	01	জাতীয় শুদ্ধাচার কৌশল বাস্তবায়ন
Bangladesh Jute Research Institute, Dhaka	2020	0	01	তথ্য অধিকার আইন
Bangladesh Jute Research Institute, Dhaka	2021	0	01	অভিযোগ গ্রহণ ও নিষ্পত্তিকরণ
Bangladesh Jute Research Institute, Dhaka	2021	0	01	আয়কর রিটার্ন দাখিল
Bangladesh Jute Research Institute, Dhaka	2022	0	01	সেবা প্রদান প্রতিশ্রুতি
Bangladesh Jute Research Institute, Dhaka	2022	0	01	ই-গভর্নেন্স ও উদ্ভাবন কর্মপরিকল্পনা বাস্তবায়ন

b) Abroad: Nill

14. Experience:

Position	Period		
	From	To	Total (Year/Months)
SO	20-11-2017	30-01-2023	5 years 2 months 13 days
SSO	31-01-2023	Till Now	

15. Publication:

List of publications, photocopies of journal publications, photocopies of first page other publications are to be attached.

(a)	Scientific Journal	No. of Publication	
	(i) Full Paper	15 (Fifteen)	
	(a) Paper Published in the Reputed International Journal		
	Principal author		05
	Co-author		09
	(b) Other International & National Journal		
	Principal author		-
	Co-author		01
	ii) Short Communication		
	Principal author		-
	Co-author		-

(b)	Books/Monograph/Bulletin	
	(i) Books Principal author Co-author	- -
	(ii) Monographs Principal author Co-author	- -
	(iii) Bulletin Principal author Co-author	- 01
(c)	Seminar/Workshop/Symposium Proceedings	01
	(i) International/National Principal author Co-author	- -

16. Research achievements: (List duly endorsed by the head of Division and Director (Technology/ Research).

(i) No. of technology Developed: 01(Worked as an associate scientist)

(ii) No. of Research Program:

(a) Developed: 02

(b) Supervised: 04

(c) Executed: 07

17. Outstanding achievement: (Duly endorsed by the head of Division and Director (Technology/Research).(Award received, Supervision of MS/Ph.D Thesis/Patent Registered):

- Involved in various activities of the institute (Copy attached).

Publications of Ashraful Alam, SSO
Spinning Department, Mechanical Processing Division, BJRI
Total number of publications: 15, Short communications: 00,
Leaflets: 01 and Seminar: 01

List of publications:

(a) Scientific Journal:

i) Full Paper

(a) Paper Published in the Reputed International Journal:		
Sl. No	Type	Publication Description
1.	Full Scientific Paper Principal Author	Ashraful Alam , Zakaria Ahmed, Neaz Morshed, Pulak Talukder and Taslima Rahman. “Research on reuse of standing dye bath of reactive dye”. International Journal of Frontline Research and Reviews, 2022, 01(02), 006–010, ISSN: 2945-4867
2.	Full Scientific Paper Principal Author	Ashraful Alam , Zakaria Ahmed, Neaz Morshed, Pulak Talukder and Taslima Rahman. “Research on reduction of yarn co-efficient of variation percentage and imperfection from auto-cone yarn”. International Journal of Scientific Research Updates, 2022, 04(02),160–164, ISSN: 2783-0160
3.	Full Scientific Paper Principal Author	Ashraful Alam , Neaz Morshed, Zakaria Ahmed, Taslim Rahman and Pulak Talukder. “Polyacralamide – A Potential Option of Salt and Alkali Free Reactive Dyeing on Cotton”. Latest Trends in Textile & Fashion Designing. Volume 5 - Issue 2,864-871,ISSN: 2637-4595
4.	Full Scientific Paper Principal Author	Ashraful Alam , Zakaria Ahmed, Neaz Morshed, Pulak Talukder and Taslima Rahman, “Analysis of physio-mechanical properties of pineapple leaf fiber. International Journal of Life Science Research Archive, 2022, 03(02), 113–116,ISSN:0799-6640
5.	Full Scientific Paper Principal Author	Ashraful Alam , Zakaria Ahmed, Mohammad Maniruzzaman, Neaz Morshed, Pulak Talukder and Taslima Rahman. “Assessment of comfort property of jute-cotton blend denim trousers after repetitive laundering. GSC Advanced Research and Reviews, 2022, 13(03), 016–023,ISSN:2582-4597
6.	Full Scientific Paper Co-author	Neaz Morshed, Zakaria Ahmed, Ashraful Alam , Pulak Talukder and Taslima Rahman. “Application and Fastness Analysis of Natural Dyes on Cotton Knitted Fabric. Environmental Science Archives (2022) Vol. I Issue 1.
7.	Full Scientific Paper Co-author	Neaz Morshed, Zakaria Ahmed, Ashraful Alam , Fatema Nusrat Jahan and Taslima Rahman. “Improvement of Dust Resistance Properties on The Surface of Jute Knitted Fabrics. International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) Volume XI, Issue VIII, August 2022,ISSN 2278-2540
8.	Full Scientific Paper Co-author	Neaz Morshed, Zakaria Ahmed, Ashraful Alam , Taslima Rahman, Pulak Talukder and Mohammad Maniruzzaman. “Application of basic dyes on Hessian jute fabrics and its fastness analyses. International Journal of Science and Research Archive, 2022, 07(02), 234–237,ISSN:2582-8185
9.	Full Scientific Paper Co-author	Neaz Morshed, Mir Akmam Noor Rashid, Ashraful Alam , Pulak Talukder, Maniruzzaman. “Effect of Cotton Yarn Imperfection Index on CSP. International Journal of Innovative Science and Research Technology.2022, Volume 7, Issue 11, PP-740-743.ISSN:2456-2165
10.	Full Scientific Paper	Mohammad Abdus Salam Khan, Mir Akmam Noor Rashid, Jannatul Bake Molla, Fatema Nusrat Jahan, Ashraful Alam . “Study on Different Properties of Jute-Cotton Blended Home-Textile Check Fabric.

	Co-author	International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022, pp: 799-803
11.	Full Scientific Paper Co-author	Sharmin Akter, Tahnin Bintay Kamal, Ashraful Alam , Mahmuda Khatun, Manika Rani Debnath and Md. Zobaidul Hossen. “Comparative Studies of Electrical Resistance in Woven and Non-Woven Jute Fabrics at Different Input Voltage”. Australian Journal of Engineering and Innovative Technology, 2020, 2(6), 106-112, ISSN:2663-7804
12.	Full Scientific Paper Co-author	Neaz Morshed, Zakaria Ahmed, Ashraful Alam , Taslima Rahman, Pulak Talukder and Mehedi Zahan Pulok. “Research and analysis of sustainability of jute and cotton blends fabrics”. International Journal of Frontline Research and Reviews, 2022, 01(02), 001–005, ISSN:2945-4867
13.	Full Scientific Paper Co-author	Md. Masroor Anwer, Md. Zobaidul Hossen, Selina Akhter, Neaz Morshed, Pulak Talukder, Ashraful Alam , Md. Ariful Islam.. “Characterization of Argon Plasma Treated Jute Fibre by Using Ultra Violet Visible Spectroscopy”. International Journal of Engineering and Applied Sciences (IJEAS) ISSN: 2394-3661, Volume-6, Issue-7, July 2019
14.	Full Scientific Paper Co-author	Md. Masroor Anwer, Md. Zobaidul Hossen, Selina Akhter, Neaz Morshed, Pulak Talukder, Ashraful Alam , Md. Ariful Islam. “Direct Current Electrical Properties of Plasma Treated Jute. International Journal of Engineering and Applied Sciences (IJEAS) ISSN: 2394-3661, Volume-6, Issue-7, July 2019
(b) Other International & National Journal:		
15.	Full Scientific Paper Principal Author	Jannatul Bake Molla, M. A. S. Khan, S. K. Dhali, M. K. Alam and A. Alam . “Development of environment friendly jute cotton blended curtain fabric and its end uses”. IJET: ISSN:2308-4707, Volume 7 Issue 5 September 2020

ii) Short Communication

(b) Books/Monographs/Bulletins

(i) Books

Sl. No.	Type	Description
1.		

(ii) Monographs

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(iii) Bulletins

1.	Bulletins Co-Author	Jute-banana blended yarn.
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(c) Seminar/Workshop/Symposium Proceedings:

Sl	Type	Description
1	National seminar	“Genimic Outreach: BARJ Chapter.” The seminar was held on 28 June, 2022 at BJRI, Dhaka.

15. (i) No. of technology developed: 01

Sl. No.	Name of Technology Developed
1.	Jute-banana blended yarn.

(ii) No. of Research Programme

(a) Developed

Sl. No.	Name of Research Program(s)/Project(s)	Position in Annual Report
1.	Development of dust resistance jute knitted fabric with different design.	Annual Technical Report 2020-21, Page: 174-177
2.	Study on the physical and mechanical properties of jute-banana blended yarn.	Annual Technical Report 2020-21, Page: 128-133

(b) Supervised:

Sl. No.	Name of Research Program(s)/Project(s)	Position in Annual Report
1.	Improvement of prayer mat from jute yarns/Jute-wool blended yarn	Annual Technical Report 2020-21, Page: 138-139
2.	Modernization of hessian s spinning frame by using a blower fan	Annual Technical Report 2020-21, Page: 147
3.	A Study on the physical and mechanical properties of jute-banana blended yarn	Annual Technical Report 2017-18, Page: 85-89
4.	Development of dust resistance jute knitted fabric with different design.	Annual Technical Report 2020-21, Page: 174-177

(c) Executed:

Sl. o.	Name of Research Programme(s)/ Project(s) Executed	Programme(s) /Project(s), year of Annual Technical Report and page
1.	Study on the spinning performance of Robi-1, JRO-524 and O-9897 jute varieties at BJRI.	Annual Technical Report 2020-21, Page: 136-138
2.	Study of making prayer mat from jute yarns/Jute-wool blended yarn	Annual Technical Report 2018-19, Page: 96
3.	A study on the physical and mechanical properties of jute-banana blended yarn	Annual Technical Report 2019-20, Page: 85
4.	Development of dust resistance jute knitted fabric with different design.	Annual Technical Report 2020-21, Page: 174-177
5.	Development of prayer mat from jute yarns/jute-wool blended yarns.	Annual Technical Report, 2019-2020, Page: 97
6.	Technical services to different entrepreneur and training to academic organizations to promote jute and jute goods.	Ongoing program
7.	Visit the different Jute mills and organizations for sharing scientific processing techniques and methods for jute and jute goods.	Ongoing program