

Bio-data of MOHAMMAD ABDUS SALAM KHAN

1.	Name	:	MOHAMMAD ABDUS SALAM KHAN
2.	Father's name	:	Mohammad Abdul Hamid Khan
3.	Mother's name	:	Jahanara Begum
4.	Husband's name	:	Not applicable
5.	Gender	:	Male
6.	Present Address	:	Senior Scientific Officer (SSO), Chemical Processing Section, Jute Textile Wing, Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka-1207.
7.	Permanent Address	:	838 Monipur, Mirpur-2, Dhaka-1216.
8.	Date of birth	:	10-01-1976
9.	Age on 22-08-2022	:	46years 07 months 12 days
10.	Educational Qualification	:	

Degree/Diploma/ Certificate	Class/Grade/ Division	University/Institute/Board	Year
S.S.C.	*First Division	Monipur High School, Dhaka Board	1990
H.S.C.	*First Division	Notre Dame College, Dhaka Board	1992
B. Sc. in Textile Technology	Second Class	College of Textile Technology, Dhaka University	2002 (held in 2004)
M.Sc. In Textile Engineering	3.22 Out of 4.00	Daffodil International University, Dhaka	2013
Ph.D.	On Going	DUET, Gazipur.	

11. **Field of Specialization:** Jute Yarn Woolanization and Blending of Jute, Cotton & Other fibers.

12. Training:

a) In Country:

Organization	Year	Duration		Name of programme
		Mos	Days	
Bangladesh Computer Council	2009	0	18	Introduction to Office Application
Bangladesh Academy for Rural Development in Cotbari, Comilla	2010	4	0	Foundation Training Course
Rural Development Academy, Bogra	2010	0	05	RDA Attachment Programme
Bangladesh Jute Research Institute	2012	0	04	Technical Report Writing and Editing Course
NITUB Office, Alisan Complex, 300, Elephant Road, Dhaka-1205	2013	0	06	Training Programme of NITUB, on Basic Elcectronics.
Professor Muhammad Hussain Central Laboratory, Bangladesh	2013	0	06	Training Programme of NITUB, a workshop on the use, maintenance and trouble-

Agricultural University, Mymensingh				shooting of common laboratory equipment
Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2014	0	13	Research Methodology
Bangladesh Jute Research Institute, Dhaka	2020	0	01	Z_ AwaKvi AvBb
Bangladesh Jute Research Institute, Dhaka	2020	0	02	Public Procurement Procedures (Goods, Works & Services)
Bangladesh Jute Research Institute, Dhaka	2021	0	01	e-Nothi
Bangladesh Jute Research Institute, Dhaka	2021	0	01	Annual Performance Agreement (APA)
Bangladesh Jute Research Institute, Dhaka	2021	0	01	Awf#hvM MÖnY I wb®úwËKiY
Bangladesh Jute Research Institute, Dhaka	2021	0	01	AvqKi wiUvb© `vwLj
Bangladesh Jute Research Institute, Dhaka	2022	0	01	‡mev cÖ`vb cÖwZkÖæwZ
Bangladesh Jute Research Institute, Dhaka	2022	0	01	B-Mf‡b©Ý I D™ ‡veb Kg©cwiKíbv ev`levqb

b) Abroad: Nill

13. Experience:

Position	Period		
	From	To	Total (Year/Months)
SO	26-12-2005	24-04-2012	06 years 03 months 28 days
SSO(CC)	25-04-2012	06-09-2016	04 years 04 months 11 days.
SSO	07-09-2016	Till date	

14. Publication:

(a)	Scientific Journal	No. of Publication
)	(i) Full Paper	21(Twenty one)
	(a) Paper Published in the Reputed International Journal	8
	Principal author	4
	Co-author	4
	(b) Other International & National Journal	13
	Principal author	1
Co-author	12	
	ii) Short Communication	

	Principal author	-
	Co- author	-
(b)	Books/Monograph/Bulletin	
	(i) Books	
	Principal author	-
	Co-author	-
	(ii) Monographs	1
	Principal author	-
	Co-author	1
	(iii) Bulletin	
	Principal author	-
	Co-author	-
(c)	Seminar/Workshop/Symposium Proceedings	2
	(i) International/National	
	Principal author	2
	Co-author	-

15. Research achievements (SO to SSO):

(i) No. of technology Developed: 02

(ii) No. of Research Programme:

(a) Developed:04

(b) Supervised:06

(c) Executed:06

16. Outstanding achievement (SO to SSO):

A) In BJRI

i) Worked as a member in the stall of BJRI in “ Dhaka International Trade Fair, 2009” .

ii) Worked as a member of “International Fiber Year 2009 Fair” organized by IJSG.

iii) Worked as a member in different committee of “The Project of Production and extension of Diversified uses of Jute”.

iv) Worked as a member of compilation & editorial board of the blending project of JTPDC in 2012.

v) Achieved the Scholarship for M.Sc.in Textile Engineering under the project “Production and development of jute based blended fabrics in cotton processing system for textile uses” in 2010 and successfully completed the degree in 2013.

vi) Awarded the Scholarship for Ph.D. degree under the project of “cvU I cvU RvZxq dm†ji K...wl cÖhyw³ D™ †veb I n̄ÍvšlíÓ|

vii) Conducted two JTRC programme in conference hall of Jute Textile Wing held on January,2020-21 and June,2020-22.

B) Outside BJRI

- i) Presented the seminar of comprehensive viva for Ph.D. programme in DUET held on July, 2018.
- ii) Presented the abstract for Ph.D. programme in the international seminar of Bangladesh Physical Society (BPS) in Bangladesh Atomic Energy Commission, Shahabag, Dhaka held on March, 2020.
- iii) Participated in the Annual Research Review Workshop 2019 in BLRI Conference Hall held on January, 2020.

- Life member of Bangladesh Physical Society (BPS) LM. No-0009
- Life member of Institute of Textile Engineers & Technologists (ITET) LM No-484

**Publications of Mohammad Abdus Salam Khan, SSO
Chemical Processing Section, Product Development Division,
Jute Textile Wing, BJRI**

**Total number of publications: 21, Seminar: 02, Workshop-01,
Monograph-01 and Leaflet: 01**

List of publications: 21

(a) Scientific Journal:

i) Full Paper

(a) Paper Published in the Reputed International Journal as Principal Author : 04		
Sl. No	Type	Publication Description
1.	Full Scientific Paper	Mohammad Abdus Salam Khan , A.T.M.K Jamil, Osman Gani Miazi, Mir Akmam Noor Rashid, 2022. “Study of Mechanical Properties of Woolenised Jute Yarns.” International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022, ISSN: 2395-5252, www.ijaem.net , Page-787-793, August-2022
2.	Full Scientific Paper	Mohammad Abdus Salam Khan , A.T.M. K Jamil, Mir Akmam Noor Rashid, M.Maniruzzaman, Nazmina Chowdhury, 2022. “Effect of Different Stages of Processing of Jute Yarn at Varying Counts.” International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8, ISSN: 2395-5252, www.ijaem.net , Page-50-54, August-2022.
3.	Full Scientific Paper	Mohammad Abdus Salam Khan , Mir Akmam Noor Rashid, Jannatul Bake Molla, Fatema Nusrat Jahan, Ashraful Alam, 2022. “Study on Different Properties of Jute Cotton Blended Home-Textile Check Fabric.” International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8, ISSN: 2395-5252, www.ijaem.net , Page-799-803, August-2022.
4.	Full Scientific Paper	Mohammad Abdus Salam Khan , Jannatul Bake Molla, Mir Akmam Noor Rashid, Mahmuda Khatun, Khorshed Alam, 2022. “Development of Environment-Friendly Jute Cotton Lightweight Blended Fabric and Its End Uses.” International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8, ISSN: 2395-5252, www.ijaem.net , August-2022.
(b) Paper Published in the Reputed International Journal as Co Author : 04		
5.	Full Scientific Paper	Jannatul Bake Molla, Shuranjan Sarkar, Ferdouse Ara Dilruba, Abdus Salam Khan and Moshiur Rahman “Enhancing the dependence of blended jute yarn rather than hundred percent cotton yarn.” World Journal of Advanced Research and Reviews, 2022, 15(02), 205–210 Publication history: Received on 30 June 2022; revised on 07 August 2022; accepted on 09 August 2022.
6.	Full Scientific Paper	Haque, M.T., M.A.K. Azad, A.K.M. Mahabubuzzaman, S. Jafrin and M.A.S. Khan . 2013. “Feasibility study of jute based blended fabric.” Journal of Innovation & Development Strategy (JIDS). 7(1): 12-16.
7.	Full Scientific Paper	Mahabubuzzaman, A.K.M., Mohammad Abdul Jalil, M.A. Shahid, Mohammad Maniruzzaman and Mohammad Abdus Salam Khan . 2009. “Spinnability study of white grown-up in dissimilar region of Bangladesh.” Journal of Innovation & Development Strategy (JIDS).

		3(4): 09-13.
8.	Full Scientific Paper	Azad. M.A. Kalam, M. Kamal Uddin, Engr. Md. Tahzibul Haque (Shahin) and M.A. Salam Khan . 2009. “Study on the determination of suitable twist for knitted sweater.” Int. J. BIO. BIOTECH, 6(1-2): 21-23.
(c) Other International & National Journal as Principal Author: 01		
9.	Full Scientific Paper	Khan, Md. Abdus Salam , Abul kalam Azad, Shamina Jafrin and Md. Tahzibul Haque. 2010. “Effect of Washing on Weight and Strength of Mechanically Produced Blended and 100% Cotton Curtain.” Daffodil International University Journal of Science and Technology, Vol-5, Issue-1, P: 1-5.
(d) Other International & National Journal as Co Author: 12		
10.	Full Scientific Paper	Molla, Jannatul Bake, M.A.S. Khan , S. K. Dhali, M.K. Alam and A. Alam. 2020. “Development of environment friendly jute cotton blended curtain fabric and its end uses.” International Journal of Engineering and Technol (IJET): ISSN 2308-4707, volume 7 Issue 5, September 2020.
11.	Full Scientific Paper	Dhali, S.K, J.B. Molla, S. Jafrin, M.A.S. Khan and P. Talukder.2020. “Comparative study between Chemically modified jute fiber/Fabric and optical brightener treated jute fibre/Fabric.” International Journal of Engineering and Technol (IJET): ISSN 2308-4707, volume 7 Issue 4, July 2020.
12.	Full Scientific Paper	Azad, Dr.Engr. Md. Abul Kalam, Engr. Maohammad Abdus Salam Khan , Dr. Engr. Md. Kamal Uddin, Dr. Engr. A.K.M. Mahabubuzzaman and Engr. Mohammad Maniruzzaman. 2008. “Study on different properties of jute prayer mat and synthetic prayer mat.” Journal of ITET. 10: 42-44.
13.	Full Scientific Paper	Uddin, Md. Moslem, H.M. Zakih Hossain, Dr. A.K.M. Mahabubuzzaman, Md. Abdus Salam Khan and Khaled Saifullah. 2008. “Selection of Product Mix of A Textile Spinning Mill by Linear Programming.” Journal of ITET. 10: 21-29.
14.	Full Scientific Paper	Azad, Dr.Engr. Md. Abul Kalam, Engr. Nazmina Chowdhury, Engr. Md. Abdus Salam Khan and Dr. Kamal Uddin. 2008. “Studies on the development of jute bags in the cottage industry.” South East University Journal of Science & Engineering. 1(1).
15.	Full Scientific Paper	Chowdhury, Nazmina, M. Osman Ghani Miazi, Khaled Saifullah and M. Abdus Salam Khan . 2008. “Determination of optimum twist pf the jute blended yarn.” Int. J. Sustain. Agril. Tech. 4(4): 31-34.
16.	Full Scientific Paper	Chowdhury, Nazmina, M. Osman Ghani Miazi, Shamina Jafrin and Abdus Salam Khan . 2008. “Study of the development of Novotex fabrics with their properties.” Int. J. Sustain. Agril. Tech. 4(6): 52-54.
17.	Full Scientific	Chowdhury, Nazmina, M. Osman Ghani Miazi, Abdus Salam Khan ,

	Paper	Shamina Jafrin and Khaled Saifullah. 2008. “Comparative study of physical properties of jute and jute blended blankets.” Int. J. Sustain. Agril. Tech. 4(6): 27-31.
18.	Full Scientific Paper	Azad, Md. Abul Kalam, Md. Asaduzzaman, Md. Abdus Salam Khan , Md. Yahya & Md. Khair Mollah. 2009. “Study on the effect of duration on the blended denim fabric.” Int. J. Sustain. Agril. Tech. 5(4): 124-129.
19.	Full Scientific Paper	Mollah, A.k., M.M. Alamgir Sayeed, Md. Asaduzzaaman, Md. Abdus Salam Khan and Mohammad Abdullah Kaysar. 2009. “The quality of being important of fineness, strength, lustre and brightness of jute fibre in scientific grading.” Int. J. Sustain. Agril. Tech. 5(7): 06-09.
20.	Full Scientific Paper	Mahabubuzzaman, A.K.M., Mohammad Maniruzzaman and Mohammad Abdus Salam Khan . 2009. “A Study of the Effect of Processing Parameters of the Finisher Card Machine on the Physical Properties of Blended Jute Yarn.” Bangladesh Journal of Physics, 9 & 10, 71-76.
21.	Full Scientific Paper	Mollah, A.K., Md. Abdul Mazid Mollah, Md. Asaduzzaman, M.A. Salam Khan and M.A.A. Khan. 2014. “Effect of batch composition on jute yarn in relation to its hysic-mechanical properties.” Bangladesh Journal of Jute and Fibre Research. Bangladesh Jute Research Institute. 31(1-2): 125-131.

(2) Books/Monographs/Bulletins

Monograph-01

Sl. No.	Type	Description
1.	পাটের কারিগরী গবেষণাঃ সাফল্য ও সম্ভাবনা	mvßvwnK e,,†Ei evB†i, †mvgevi,29 †m†pα^i, 2008 GBP. Gg. RvwKi †nv†mb I †gtv Ave`yQ mvjvg Lvb

I Seminar/Workshop/Symposium Proceedings:

i) Seminar-02

Sl.	Type	Description
1	International seminar/conference Principal-author	Abstarct Oral Presentation, “Preparation and Characterization of Woolenised Jute Yarns.”M.A. Salam Khan , M.O. G. Miazzi and A.T.M.K. Jamil. International Conference on Physics-2020. Atomic Energy Centre, Dhaka, Bangladesh held on 5-7 March, 2020.
2	National seminar Principal-author	“Certification of Comprehensive Examination”, on the basis of the research report and oral examination, held in Duet, Gazipur, on 16 July,2018

ii) Workshop-01

Sl.	Type	Description
1	National Workshop	Annual Research Review Workshop 2019. BLRI Conference Hall BLRI, Savar, Dhaka-1341,

	Bangladesh. 26-27 January, 2020.
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iii) Leaflet-01

Sl.	Type	Description
1	National	Project Name-“ Production and developments of jute based blended fabrics in cotton processing system for textile uses. ”JTPDC, June, 2012.

15.

(i) No. of technology developed: 02

Sl. No.	Name of Technology Developed
1.	Preparation technology of woolanized jute yarns from jute fibers.
2.	Preparation technology of jute knitted outer-wears from woolanized jute yarns.

(ii) No. of Research Programme

(a) Developed

Sl. No.	Name of Research Program(s)/Project(s)	Position in Annual Report
1.	Study on different physical properties of different types of jute union fabric,	Annual Technical Report 2008-09.
2.	Study on different physical and chemical properties of jute prayer mat produced from woolanized jute yarns.	Annual Technical Report 2007-2008.
3.	Preparation and Characterization of woolenized Jute Yarns.	Annual Research Report, Blended Textile Research on Jute-2019-20. Page:22-37.
4.	Study the different physical properties of jute-cotton blended home textile check fabric.	Annual Research Report, Blended Textile Research on Jute-2020-21.

(b) Supervised:

Sl. No.	Name of Research Program(s)/Project(s)	Position in Annual Report
1.	Study the development of jute, cotton, native wool and acrylic blended ladies shawl using hand loom.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:1-2
2.	Study the jute, cotton and pineapple blended yarn.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:3-5
3.	Effect of different varieties on jute fibre chemical treatment.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:10-11
4.	Study the dyeing of jute cotton blended fabrics with direct dyes.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:12-13
5.	Study the fastness properties of jute-cotton blended printed fabric.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:16-17

6.	Study the jute, cotton and viscose blended yarn.	Annual Research Programme, Blended Textile Research on Jute-2020-21. Page:18-19
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(c) Executed:

Sl.o.	Name of Research Programme(s)/ Project(s) Executed	Remarks
1.	“Study of Mechanical Properties of Woolenised Jute Yarns.”	Programme executed as principal investigator.
2.	“Effect of Different Stages of Processing of Jute Yarn at Varying Counts.”	Programme executed as principal investigator.
3.	“Study on Different Properties of Jute-Cotton Blended Home-Textile Check Fabric.”	Programme executed as principal investigator.
4.	“Comparative study of physical properties of jute and jute blended blankets.”	Programme executed as co-investigator.
5.	“Study on the effect of duration on the blended denim fabric.”	Programme executed as co-investigator.
6.	“Study on the determination of suitable twist for knitted sweater.”	Programme executed as co-investigator.