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Personal data

Name : Selina Akhter
Date of birth : 12-06-1964
Nationality : Bangladeshi by birth
Mailing Address : 321, Noyatola, Mogbazar, Thana- Hatirjhil, Dhaka 1217.

Educational Qualification:

Degree/Diploma/ Certificate	Class/Grade/ Division	University/Institute/Board	Year
S.S.C	3 rd Division	Dhaka Board (Shahnuri Model High School)	1980
H.S.C	2 nd Division	Dhaka Board (Home Economics College)	1982
B. Sc. (Pass)	2 nd Class	Home Economics College	1984
M. Sc.	2 nd Class	Home Economics College	1988

Work Experience

Position & Organization	Period	
	From	To
Senior Scientific Officer, Bangladesh Jute Research Institute	18-01-2022	Till date
Scientific Officer, Bangladesh Jute Research Institute	18-10-2015	17-01-2022
Scientific Assistant, Bangladesh Jute Research Institute	04-03-1987	17-10-2015

Training:

Organization	Year	Name of programme
Bangladesh Jute Mills Corporation, Motijheel, Dhaka.	2010	Foundation Training Course
Bangladesh Academy for Rural Development, Kotbari, Comilla	2013	Foundation Training Course
Bangladesh Rural development Training Institute, Khadimnagar, Sylhet	2013	Rural Development and Poverty Reduction
Bangladesh Jute Research institute	2011	Orientation Programme on Research Management of Jute and Jute Products
Bangladesh Jute Research institute	2017	Training of Trainers for the Dissemination of Industrial Technologies on Jute
Bangladesh Jute Research institute	2017	Procurement of Goods, Works and Services
Bangladesh Jute Research institute	2018	Administrative and financial Management

Bangladesh Jute Research institute	2018	Research Methodology
National Agriculture Training Academy	2018	Modern office Management
Bangladesh Jute Research institute	2018	Technical Report Writing and Editing
Bangladesh Jute Research institute	2018	Development Communication in Agriculture
Bangladesh Jute Research institute	2019	Innovation in Public Service
Bangladesh Jute Research institute	2019	Quality control of Jute goods
Bangladesh Jute Research institute	2019	Jute industrial product research and development
Bangladesh Jute Research institute	2019	Modern Office Management

Scientific Publications

1. Bacterial degradation of synthetic dye by *Pseudomonas* sp. obtained from dyeing mill effluent. Am. J. Pure. Appl. Sci., 2(6): 192-199.
2. Jute fiber: A suitable alternative to wood fiber for paper and pulp production. Am. J. Pure. Appl. Sci., 2(6): 177-182.
3. Decolonization and degradation of reactive blue dye used in jute and textile industries by a newly isolated *Bacillus* sp. Am. J. Pure. Appl. Sci., 2(5): 167-176.
4. Direct current electrical properties of plasma treated jute. IJEAS, 6(7): 11-14.
5. Characterization of Argon Plasma treated jute fiber by using ultra violet visible spectroscopy. IJEAS, 6(7):7-10.
6. Study on storage properties of jute leaves by blanching method. Int. J. Sustain. Agri. Tec. 11(12): 12-16.
7. Identification of cellulosic microorganisms from jute waste and their cellulose activity. Int. J. Sustain. Agri. Tec. 9(2): 58-61.
8. Survey of indigenous knowledge of jute leaf in Bangladesh. Int. J. Sustain. Agri. Tec. 9(11): 1-4.
9. Study on the development of jute mellage yarn. Int. J. Eng. Tec. ISSN 2308-4707.
10. A comparative study of chemical composition of some selected strains of jute, Mesta and Kenaf Germplasms. B. J. Jute Fib. Res. 20(1): 95-102.
11. Total loss during retting of jute. B. J. Jute Fib. Res. 20(1): 23-28.
12. Effect of fertilizer on different constituents of jute, Part-I: Effect of Nitrogen fertilizer. B. J. Jute Fib. Res. 15(1&2):65-72.
13. Mechanization of fiber extraction: An eco-friendly alternative. J. Sc. Tec. Environ. Info. 2021. 11(10): 749-755.

Research Programme supervised

Research Programme
Improvement and cost reduction of traditional jute products
Quality improvement of jute and jute based fabrics through eco-friendly, bio-finishing, bio-polishing and stone washing processes
Development of mechanical process for jute fibre extraction
Development of diversified product from jute leaves
Production of industrially important from jute
Improvement of fibre extraction process from jute ribbon/ bark by fibre extractor machine developed by Biochemistry and Microbiology Dept., BJRI
Production of industrially important product/compounds e.g., bioplastic, biofuel, fine chemicals etc. from jute fibre