

Personal Management Information System (PMIS)

Unit/Institute Name: Institute of Glass and ceramic Research and testing (IGCRT)

Personal Information



Employee ID/Code	10095		
Employee Name	Dr. Shirin Akter Jahan		
Father's Name	Md. Ershad Ali Akand		
Mother's Name	Fatema Akand		
Birth Date	17 March 1972		
Home District	Mymensingh		
Gender	Female	Signature (Scanned Signature)	
National ID No	4158845505	Blood Group	B+
Cell No	+88 01712831944	Passport No	OC7051290
Email	shirin_akterbcsir@yahoo.com	Marital Status	Married
GPF/CPF No		Religion	Islam
Field of Specialization	Chemistry, Conventional Ceramic	Driving License No	N/A

Table 1- Personal Information

Contact Information

Present Address		Permanent Address		Emergency Contact	
Address	A20, Building No 3, BCSIR Quarter	Address	105/2 Talla Road	Name	Syed Rezaul Haider
Post Office	New Market	Post Office	Fatulla	Relation	Husband
Police Station	New Market	Police Station	Fatulla	Address	A20, Building No 3, BCSIR Quarter, Dhanmondi, Dhaka-1205
District	Dhaka	District	Narayangonj	Phone	None
Upazila	Dhaka	Upazila	Sadar	Cell No	+88 01711563150
Tel No	+88 01712831944	Tel No	None	Email	rezaulhaider@gmail.com

Table 2- Contact Information

Joining Information

Rank/Class	1 st class	Grade	9 th grade
Post/Designation	Scientific Officer	Batch	2002
Joining Subject	Chemistry	Joining Date	10 July 2002
Office Name	Institute of Glass and Ceramic Research and Testing (IGCRT), BCSIR	PRL Date	16 March 2031
Division Name	Inorganic Pigment and Chemical Research Division (IPCRD)	Notification/Order No. & Date	
Section Name	None	Merit Position	
District	Dhaka	Confirmation Date	
Upazila	Sadar	Gazetted Date	
Job Nature	Revenue	Endorsement Date	

Table 3- Joining Information

Spouse and Children Information

Spouse Information		Children Information				
Spouse Name	Syed Rezaul Haider	Child Name	Gender	Birth Date	Birth Place (Country/District)	Remarks
Home District	Narayangonj	Spondon Haider	Male	16 September 2001	Mymensingh	
Occupation	Self employed	Rhydhon Haider	Male	25 September 2001	Dhaka	
Designation	None					
Org Name	None					
Org Address	None					
Cell No	+88 01711563150					

Table 4- Spouse and Children Information

Education Information

Degree	Group/Department	Board/University	Passing Year	Result (Division/GPA/CGPA)	Distinction
PhD	Department of Chemistry	University of Dhaka	2016	Degree awarded	
M.Sc. (Thesis group)	Department of Chemistry	Jahangirnagar University	1998	1 st Class	1 st
B.Sc.(Hons)	Department of Chemistry	Jahangirnagar University	1996	1 st Class	3rd
H.S.C.	Science	Dhaka board	1989	1 st Division	
S.S.C.	Science	Dhaka board	1987	1 st Division	

Table 5- Education Information

Training Information

Type (Local/Foreign)	Title	Institution	Country	Start Date	End Date	Grade	Position
Local	Project development and processing management	'Capacity Enhancement of NEC ECNEC & Coordination wing by introducing digital data base and archive system, Planning Commission	Bangladesh	25 June 2018	28 June 2018		
Local	Project Appraisal, EIA and Formulation of DPP	National Development and Planning Academy (NAPD)	Bangladesh	16 July 2017.	03 August, 2017.		
Local	Public Procurement Management	National Development and Planning Academy (NAPD)	Bangladesh	5 March, 2017.	23 March, 2017.		
Local	Method validation, traceability, internal and external quality control	Bangladesh Accreditation Board (BAB)	Bangladesh	9 March 2016	10 March 2016		
Foreign	10 th Science, Technology and Innovation management course for	Academy of Science Malaysia in collaboration with	Malaysia	14 September	23 September		

	researchers in OIC countries	Malaysian Technical Cooperation Programme (MTCP)		2014	2014		
Local	Treatment of water and waste water organized by during	Institute of Chemists and Chemical Technologists, Bangladesh (ICCTB), Bangladesh Chemical Society (BCS)	Bangladesh	20 June 2014	22 June 2014		
Local	Characterization and application of novel functional materials at	Department of Chemistry, University of Dhaka		31 August 2013	1 September 2013		

Table 6- Training Information

Workplace/Posting Information

Workplace Status	S/N	Working Unit	Working Division	Working Section	District	Upazila	From Date	To Date	Till Today	Posting Unit	Designation	Remarks (e.g., Attachment/ Transfer/Promotion etc.)
Present	1	IGCRT, BCSIR	IPCRD	N/A	Dhaka	Dhaka	10/07/2002		till today		Senior Scientific Officer	
Previous	1	IGCRT, BCSIR	IPCRD	N/A	Dhaka	Dhaka	10/07/2002		till today		Scientific Officer	

	2											
	3											

Table 7- Workplace/Posting Information

ACR Information (For office use only)

S/N	Reporting Year	Submitted (Yes/No)	Submitted Date	Remarks

Table 8- ACR Information

Promotion Information

Designation	Nature (Regular/Selection Grade/Sr. Grade/Natural)	Promotion Date	Notification/Order No.	Notification/Order Date	Remarks
Senior Scientific Officer	Regular	04/08/2011			

Table 9- Promotion Information

Achievement

A. Journal Article

S/N	Publishing Year	Description
JA-1	2017	Shirin Akter Jahan , M. Yousuf A. Mollah, Samina Ahmed, Md. Abu Bin Hasan Susan, Copper-doped Hydroxyapatite for Removal of Arsenic(V) from Aqueous System, <i>Journal of Scientific Research</i> , 9 (4), 383-402, 2017 . doi: http://dx.doi.org/10.3329/jsr.v9i4.32606
JA-2	2017	Ferdousi Begum, Shirin Akter Jahan , M. Yousuf A. Mollah, M. Muhibur Rahman, Md. Abu Bin Hasan Susan, Stability and Aggregation Kinetics of Silver Nanoparticles in Water in Oil Microemulsions of Cetyltrimethylammonium Bromide and Triton X-100, <i>Journal of Scientific Research</i> , 9 (4), 431-447, 2017 . doi: http://dx.doi.org/10.3329/jsr.v9i4.32838
JA-3	2017	Shirin Akter Jahan , M. Yousuf A. Mollah, Samina Ahmed, Md. Abu Bin Hasan Susan, Nano-Hydroxyapatite Prepared from Eggshell-Derived Calcium-Precursor using Reverse Microemulsions as Nanoreactor, <i>Materials Today: Proceedings</i> , 2017
JA-4	2015	Suporna Paul, Sabrina Mostofa, Shirin A. Jahan , Samina Ahmed, Nahid Sharmin, Thermal Treatment of Cattle Bone and its Application in Removing Lead from Wastewater, <i>International Journal of Scientific & Engineering Research</i> , 6(11), 1326-1330, 2015 .
JA-5	2015	Sabrina Mostofa, Nipa Banik, ShirinA. Jahan , Samina Ahmed, Nahid Sharmin, The Performance of Surfactant Modified Bentonite in Removing Mobil Oil, <i>International Journal of Scientific & Engineering Research</i> , 6(11), 1326-1330, 2015
JA-6	2015	Nipa Banik, Shirin. A. Jahan , Sabrina Mostofa, Humayun Kabir, Nahid Sharmin, Mijanur Rahman and Samina Ahmed, Synthesis and characterization of organoclay modified with cetylpyridinium chloride, <i>Bangladesh Journal of Scientific and Industrial Research (BJSIR)</i> ,50(1), 65-70, 2015
JA-7	2013	Shahnaj Parveen, Shirin. A. Jahan and Samina Ahmed, Production and characterization of iron-chromium pigment based ceramic stain colour of red-brown shade, <i>Bangladesh Journal of Scientific and Industrial Research (BJSIR)</i> , 48(3), 213-216, 2013
JA-8	2012	Shirin A. Jahan , Shahnaj Parveen, Samina Ahmed, Humayun Kabir, Development and characterization of organophilic clay from bentonite, <i>Materials Science: An Indian Journal</i> , 8(2), 67 – 72, 2012
JA-9	2011	Samina Ahmed*, Shirin A. Jahan , Moniruz Zaman, Zenefar Yeasmin, and Mainul Ahsan, Photo-degradation of Methylene blue Mediated by Rice Husk Ash (RHA)-TiO ₂ composite, <i>Bangladesh Journal of Scientific and Industrial Research</i> ,, 46(1), 17-26, 2011

JA-10	2010	Samina Ahmed, Shirin A. Jahan , Mainul Ahsan, Zenefar Yeasmin, Moniruz Zaman and Humayun Kabir, Semiconductor Photo-catalysis Towards a Clean Environment: Treatment of Dye Pollutants using rice husk ash (RHA)-TiO ₂ composite plate, Proceedings of the Bangladesh Chemical Congress 2008, 287-294, published in 2010
JA-11	2010	Shahnaj Parveen and Shirin Akter Jahan , Investigation on physico-chemical properties of vitreous china sanitary ware from local clays, <i>Bangladesh J. Sci. Ind. Res.</i> 45(4) , 387-392, 2010
JA-12	2008	Shirin A. Jahan , S. Parveen, Samina Ahmed and M. Moniruz Zaman, Studies on the physico-chemical properties of ceramic tiles produced from locally available raw materials, <i>Bangladesh Journal of Scientific and Industrial Research</i> , 43(1), 7, 2008

Table 10(a)- Journal Article

B. Conference Proceedings

S/N	Publishing Year	Description
CP-1	2017	Copper Doped Hydroxyapatite' in 81 st annual session of Indian Ceramic Society and International conference on "Expanding horizons of technological applications of ceramics and glasses ("EH-TACAG'17)", 24-16 December, 2017, Pune, India.
CP-2	2016	Presented a paper on "Removal of Arsenic from Waste Water using Fe(III) Doped Hydroxyapatite Synthesized from Eggshell" in 16 th Asian Chemical Congress (16 ACC), 16-19 March, 2016 .
CP-3	2015	Presented a poster on "Hydroxyapatite from waste materials for treatment of heavy metals in aqueous medium" in 7 th HOPE Meeting with Nobel Laureates arranged by Japan Society for the Promotion of Science (JSPS), 1-5 March, 2015 in Tokyo, Japan and awarded " HOPE award " for Best poster presentation and also won the " Best Team Presentation Award ".
CP-4	2014	Presented a paper on "Synthesis and characterization of hydroxyapatite and copper doped hydroxyapatite from eggshell" in 36 th Annual Conference of Bangladesh Chemical Society (BCS), 01 March, 2014 and awarded best speaker of the session.
CP-5	2013	Presented a paper on "Role of Institute of Glass and Ceramic Research and Testing (IGCRT) in the progress and prospect of glass and ceramic industries in Bangladesh" in a seminar on "Science in Bangladesh: Challenges of 21 st Century" organized by Asiatic Society Bangladesh, 02 November, 2013 .

	2012	A lecture has been delivered on “Development and characterization of organophilic clay from bentonite” in Bangladesh Chemical Congress 2012 (BCC-2012), 07-09 December, 2012 .
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Table 10(b)- Conference Proceedings

C. Developed Process

S/N	Year of Acceptance	Description (including reference)
DP-1	2012	“Ceramic red brown stain for the decoration of ceramic ware” in 2012
DP-2	2005	“Alum from locally available raw materials’ in 2005
DP-3	2004	“Low cost transparent glaze for the decoration of earthenware (pottery) body” in 2004 .
DP-4		
DP-5		

Table 10(c)- Developed Process

D. Patent/Copyright

S/N	Year of Acceptance	Description (including reference)
P-1	2018	“Preparation of anionic surfactant treated bentonite as adsorbent for water treatment.” Bangladesh Patent Serial No. 1005954
P-2		
P-3		

Table 10(d)- Patent/Copyright

E. Books/Book Chapters

S/N	Publishing Year	Description
B-1		
B-2		
B-3		

Table 10(e)- Books/Book Chapters

F. Method Validation

S/N	Year of Acceptance	Description (including reference)
M-1		
M-2		
M-3		

Table 10(f)- Method Validation

G. Award/Grant

S/N	Year	Description (including reference)
	July 2011- June 2015	Bangabandhu Fellowship for PhD level: Ministry of Science and ICT, Bangladesh (July 2011- June 2015).
	2015	Awarded “HOPE award” for Best poster presentation and also won the “Best Team Presentation Award” in 7 th HOPE Meeting with Nobel Laureates arranged by Japan Society for the Promotion of Science (JSPS), 1-5 March, 2015 in Tokyo, Japan.

	2017	'Shuddhacar puruskar' (Integrity award) following 'Policy 2017 for integrity award' by Bangladesh Council of Scientific and Industrial Research (BCSIR).
	2017	Awarded 2 nd prize in Poster presentation in 'Bio-Ceramic category' in 81 st annual session of Indian Ceramic Society and International conference on "Expanding horizons of technological applications of ceramics and glasses ('EH-TACAG'17)", 24-16 December, 2017, Pune, India

Table 10(g)- Award/Grant

H. Other Achievements (If any)

S/N	Year	Description (including reference)

Table 10(h)- Other Achievements (If any)

Leave/Deputation Information

Type	From	To	Description
Deputation	December 2011	November 2012	Deputation for 1 year to complete the course exam in Department of Chemistry, University of Dhaka.

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Table 11- Leave/Deputation Information

Former/Other Service

Employer Name	Address	Service Type	Designation	From	To	Till Today

Table 12- Former/Other Service

Other Activities/Assignment

Work/Job Nature	Role	From	To	Till Today

Table 13- Other Activities/Assignment

Disciplinary Information

Occurrence	Date	Action	Punishment	Memo No& Date	Remarks

Table 14- Disciplinary Information