

Personal Management Information System (PMIS)

Unit/Institute Name: Institute of Glass and Ceramic Research and Testing (IGCRT),
Bangladesh Council of Scientific and Industrial research

Personal Information

Employee ID/Code	10155	 Employee Photo	
Employee Name	Dr. Umme Sarmeen Akhtar		
Father's Name	Abdul Mannan Khan		
Mother's Name	Mrs. Mahmuda Khanom		
Birth Date	06-09-1981		
Home District	Barisal		
Gender	Female	Signature (Scanned Signature)	
National ID No	9566872777	Blood Group	B +ve
Cell No	01799590183	Passport No	BT 0278732
Email	ummedu@yahoo.com	Marital Status	Married
GPF/CPF No	CS-1035	Religion	Islam
Field of Specialization	Chemistry	Driving License No	N/A

Table 1- Personal Information

Contact Information

Present Address		Permanent Address		Emergency Contact	
Address	RSCRD, IGCRT, BCSIR, Dhanmondi, Dhaka.	Address	'Shanta Neer', Kobi Jibonando dash road (opposite of Islamia eye hospital).	Name	Md. Abdul Mannan Khan
Post Office	New Market	Post Office	Barisal Sadar	Relation	Father
Police Station	Nilkhet	Police Station	Barisal Sadar	Address	'Shanta Neer', Kobi Jibonando dash road (opposite of Islamia eye hospital).
District	Dhaka	District	Barisal	Phone	
Upazila		Upazila	Barisal	Cell No	01791334473
Tel No	01799590183	Tel No	01799590183	Email	

Table 2- Contact Information

Joining Information

Rank/Class	First Class	Grade	9 th
Post/Designation	Scientific Officer	Batch	2008
Joining Subject		Joining Date	28-12-2008 (28 th December 2008)
Office Name	Bangladesh Council of Scientific and Industrial research	PRL Date	08-12-2040 (8 th September 2040)
Division Name	BCSIR Labs Chittagong	Notification/Order No. & Date	সচি/সংস্বা/১-৯/২০০৬(পার্ট-১)৩১০৯ তারিখ ২৬/১২/২০০৮
Section Name	N/A	Merit Position	1 st
District	Chittagong	Confirmation Date	28-12-2008 (28 th December 2008)
Upazila	New-market	Gazetted Date	28-12-2008 (28 th December 2008)
Job Nature	Revenue	Endorsement Date	

Table 3- Joining Information

Spouse and Children Information

Spouse Information		Children Information				
Spouse Name	Dr. Md. Kamal Hossain	Child Name	Gender	Birth Date	Birth Place (Country/District)	Remarks
Home District	Barisal	01. Md. Ahnaf Hossain (Faris)	Male	15-02-2012	Bangladesh	
Occupation	Govt. Service holder	02. Md. Afif Hossain	Male	28-02-2016	Bangladesh	
Designation	Senior Scientific Officer					
Org Name	Bangladesh Council of Scientific and Industrial Research (BCSIR)					
Org Address	Soil and Environment Section, Biological Research Division, BCSIR Labs Dhaka, Dr. Qudraat-i-Khuda road, Dhanmondi, Dhaka					
Cell No	01799590184					

Table 4- Spouse and Children Information

Education Information

Degree	Group/Department	Board/University	Passing Year	Result (Division/GPA/CGPA)	Distinction
PhD	Inorganic Chemistry (Photocatalytic Nano materials Lab.)	Sogang University, Seoul, S. Korea	2015	Degree Awarded	With Prof. Kyung Byung Yoon
MS	Physical Chemistry	University of Dhaka	2003	1 st Class (3 rd position)	Thesis with Prof. Md. Muhibur Rahman
B.Sc (Hons.)	Chemistry	University of Dhaka	2002	2 nd Class (6 th position)	Project with Prof. Md. Muhibur Rahman
H.S.C	Science	Jessore Board	1998	1 st Division (with star marks)	
S.S.S	Science	Jessore Board	1996	1 st Division (with star marks)	

Table 5- Education Information

Training Information

Type (Local / Foreign)	Title	Institution	Country	Start Date	End Date	Grade	Position
Local	Operating system and maintenance of Scanning Electron Microscope (SEM)	BCSIR	Bangladesh	29' November 2016	01' December 2016		
Local	Operating system and maintenance of Liquid Chromatography Mass Spectrometer (LCMS-MS)	BCSIR	Bangladesh	18' April 2017	20' April 2017		
Local	Operating system and maintenance of High Performance Liquid Chromatography (HPLC)	BCSIR	Bangladesh	18' June 2017	20' June 2017		
Local	Operating system and maintenance of Wavelength Dispersive X-ray Fluorescence (WDXRF)	BCSIR	Bangladesh	22' October 2017	24' October 2017		
Local	Training Program on "Innovation in Public Service"	BCSIR	Bangladesh	16' November 2017	17' November 2017		
Local	Training Program on "Public Procurement Management"	BCSIR	Bangladesh	15' April 2018	17' April 2018		

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	RSCRD		Dhaka	New-market	19.04.2009		Till Today		Senior Scientific Officer	
Previous	1	BCSIR Labs Chittagong			Chittagong		06.01.2009	19.04.2009			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
Scientific Officer	Selection Grade	October, 2015	39.307.006.00.00.605.2013/8456 date: 04.10.2015		
Senior Scientific Officer	Regular	April, 2014	39.307.012.00.00.821.2016/703 date: 24.07.2017	39.307.031.00.00.705.2015/413 Date: 30.08.2017	

Table 9- Promotion Information

Achievement

A. Journal Article

S/N	Publishing Year	Description
JA-1	2018	Md. Sagirul Islam*, Umme Sarmeen Akhtar and Khondoker Shahin Ahmed. <u>Use of Borosilicate glass as Fluxing Agent to Enhance the Physio-mechanical Properties of Bricks.</u> International Research Journal of Pure & Applied Chemistry, 2018, 16(2), 1-9.
JA-2	2017	Umme Sarmeen Akhtar , M Moniruz Zaman, MS Islam, F Nigar, MK Hossain. <u>Effect of Different Types of Glasses as Fluxing Agent on the Sintering Temperature of Bricks.</u> Transactions of Indian Ceramic Society, 2017, 76, issue 2, 1-5. Publishers - Taylor & Francis group.

JA-3	2016	MS Islam, N Sharmin, M Moniruzzaman, Umme Sarmeen Akhtar . <u>Effect of Soda lime Silica Glass waste on the basic properties of Clay Aggregate</u> . International Journal of Scientific & Engineering Research. 2016 , 7, Issue 4,149-153.
JA-4	2016	Umme Sarmeen Akhtar , Eunju Lee Tae, Yu Sung Chun, In Chul Hwang, Kyung Byung Yoon*. <u>Insights into decomposition pathways and fate of Ru(bpy)₃²⁺ during photocatalytic water oxidation with S₂O₃²⁻ as sacrificial electron acceptor</u> . ACS Catalysis . 2016 , 6 , 8361 , American Chemical Society publications, (SCI , 2016 , Impact factor 9.3)
JA-5	2015	Md. Kamal Hossain, Agni Raj koirala, Umme Sarmeen Akhtar , Mee Kyung Song and Kyung Byung Yoon, <u>First Synthesis of Highly Crystalline, Hexagonally Ordered, Uniformly Mesoporous TiO₂-B and Its Optical and Photocatalytic Properties</u> . Chem. Mater. 2015 , 27 , 6550–6555 , ACS Publication, (SCI , 2016 , impact factor 9.4)
JA-6	2015	Md. Kamal Hossain , Umme Sarmeen Akhtar , Agni Raj koirala, In Chul Hwang and Kyung Byung Yoon, <u>Steam-assisted synthesis of uniformly mesoporous anatase and its remarkably superior photocatalytic activities</u> , Catal. Today 2015 , 243 , 228 . (SCI , 2016 impact factor 4.20)
JA-7	2014	Akhtar, U. S. ; Hossain, M. K.; Miran, M. S.; Mollah, M. Y. A. <u>Synthesis and characterization of porous silica and polyaniline-porous silica composite materials with high surface area</u> . Bangladesh J. Sci. Ind. Res. 2014 . 49(1), 1-8.
JA-8	2012	U. S. Akhtar , M. S. Miran, M. A. B. H. Susan, M. Y. A. Mollah, M. M. Rahman, * . <u>Preparation and characterization of polyaniline-silica composite material</u> . Bangladesh J. Sci. Ind. Res. 2012 . 47(3), 249-256.

Table 10(a)- Journal Article

B. Conference Proceedings

S/N	Publishing Year	Description
CP-1		
CP-2		
CP-3		
CP-4		
CP-5		

Table 10(b)- Conference Proceedings

C. Developed Process

S/N	Year of Acceptance	Description (including reference)
DP-1	2010	Title: Energy Saving Brick from Industrial Wastes (Rice Husk Ash) Ref. No. 39.373.037.07.00.013.2010.5609 date. 31-10-2010.

Table 10(c)- Developed Process

D. Patent/Copyright

S/N	Year of Acceptance	Description (including reference)
P-1	2015	Kyung Byung Yoon, Md Kamal Hossain, Umme Sarmeen Akhtar , Method for Low Temperature Crystallization and Interconnection of Metal Oxide by Steam Treatment, WIPO (World Intellectual Property Organization) Patent Scope, WO2015119457, August 13, 2015.

Table 10(d)- Patent/Copyright

E. Books/Book Chapters

S/N	Publishing Year	Description
B-1	None	

Table 10(e)- Books/Book Chapters

F. Method Validation

S/N	Year of Acceptance	Description (including reference)
M-1	None	

Table 10(f)- Method Validation

G. Award/Grant

S/N	Year	Description (including reference)
01.	2009	Bangladesh Chemical Society Conference (Poster presentation- 3 rd Position)

Table 10(g)- Award/Grant

H. Other Achievements (If any)

S/N	Year	Description (including reference)
	None	

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

Leave/Deputation Information

Type	From	To	Description
Deputation	09-03-2010	08-03-2015	For Ph. D Research

Table 11- Leave/Deputation Information

Former/Other Service

Employer Name	Address	Service Type	Designation	From	To	Till Today
Not Applicable						

Table 12- Former/Other Service

Other Activities/Assignment

Work/Job Nature	Role	From	To	Till Today
Duty Officer at ASC	Assist the Automation service of Analytical Service cell, BCSIR	October, 2017	May, 2018	

Table 13- Other Activities/Assignment

Disciplinary Information

Occurrence	Date	Action	Punishment	Memo No& Date	Remarks
Not Applicable					

Table 14- Disciplinary Information