

ER Sheet Data Entry Form						
Basic Data						
Officer ID No. Details						
Service		Cadre		Sub Cadre		Id No.
Select List Year (Allot Year)						
Name Details						
Title	First Name	Middle Name	Sur Name	Initials		
Dr.	Tanusree		Samanta		T. Samanta	
CSL No./ SCSL No: (if known)						
Sex	Female	Date of Birth	08.12.1984	Date of Retirement	31.12.2044	
Community	General		Religion	Hindu		
Father's Name		Dilip Kumar Samanta				
Birth Details						
Birth Place	Chandannagar	Birth State/UT	West Bengal	Nationality	Indian	
Birth District	Hooghly	Mother Tongue		Bengali		
Domicile	West Bengal	Physically Handicap Status		Nil		
Medical Details						
Blood Group	A +ve	Identification Marks		Scar in left hand		
Marital Details						
Marital Status	Married	Spouse Name		Tanmay Ghosh		
Spouse Nationality	Indian					
Joining Details						
Source of Recruitment	UPSC	Joining Date	21.03.2016	Retirement Details	31.12.2044	
Departmental Examination Details						
	Level		Year		Rank	
1	NA		NA		NA	
2						
3						

Details of deputation (if applicable)

Name of the Office	Post held at that time in parent office	Name of post (selected for deputation)	Period of deputation	
			Since	From
NA	NA	NA		

Details of Foreign Visit

Sl. No.	Place of Visit	Date of visit	Post held at that time	Whether it is a personal or official visit	Details of visit
1.	Trieste, Italy	17 th October, 2009	Senior Research Fellow, Saha Institute of Nuclear Physics, Kolkata	Official	For performing experiment at Elettra Synchrotron, Trieste, Italy
2.	Trieste, Italy	2 nd June, 2012	Senior Research Fellow, Saha Institute of Nuclear Physics, Kolkata	Official	For performing experiment at Elettra Synchrotron, Trieste, Italy
3.	Tsukuba, Japan	9 th November, 2012	Senior Research Fellow, Saha Institute of Nuclear Physics, Kolkata	Official	For performing experiment at Photon Factory, Tsukuba, Japan
4.	Tsukuba, Japan	24 th October, 2015	Assistant Professor, Haldia Institute of Technology, Haldia	Official	For performing experiment at Photon Factory, Tsukuba, Japan

Transfer/Posting Detail (if applicable)

Place	Period of posting				
	Since			From	
NA	NA			NA	
Remarks (if any)					
Language known					
			Read	Write	Speak
Indian Languages Known	1	English	Yes	Yes	Yes
	2	Bengali	Yes	Yes	Yes
	3	Hindi	Yes	-	Yes
Foreign Languages					
		NIL			
Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)					
Qualification	Discipline		Specialization 1		
PhD	Physics		Polymer Thin Film		
Year	Division	CGPA	Specialization 2		
2015	N.A.	N.A.	X-ray Scattering		
Institution	University		Place	Country	
Saha Institute of Nuclear Physics	University of Calcutta		Kolkata	India	
Experience					
Type of Posting	Group 'A'				
Designation	Scientist 'B' (Scientific Physics)				
Ministry	Ministry of Water Resources, RD & GR, Govt. of India				

Office		Central Water & Power Research Station			
Place		Pune			
Experience Subject			Period of Posting		
Major		Minor		From	To
				21 st March 2016	Till date
Note:- Details Research and Teaching Experience is given in Annexure I					
Training					
Training Year		Training Name		Training Subject	
		Field Visit Country		Field Visit Place (within India)	
Sponsoring Authority		Period of Training		Duration	
		From		(in Weeks)	
		To			
				Result	
				Qualified	
				Not Qualified	
Awards/Publications					
Type of Activity			Academic		
Activity Area			Activity Subject		Activity Title
Soft Condensed Matter Physics			Polymer Thin Films		Research
Day	Month	Year	Activity Description/Remarks		Level
			Attached as Annexure I		Doctorate

Note: (i) Concerned CSS Officer is responsible for the correctness of information sent through ER Sheet proforma.

(ii) Subject to verification by the concerned administrative authorities.

Date : 05.04.16

Place : Pune

Signature of Officer

Information checked and verified – by

Section Officer		Ministry/ Department			
E-mail id		Room NO.		Building Name:	
Phone NO.		Wing No.			

Annexure I

Educational Qualifications:

- PhD in Physics (April 2015), Surface Physics & Material Science Division, Saha Institute of Nuclear Physics (Awarded degree from University of Calcutta)
Thesis title "*Structure and Dynamics of Polyelectrolyte Ultrathin Films*"
- M. Sc. in Physics (2007), University of Calcutta, 1st class (69.5%)
- B.Sc. in Physics (Hons.) (2005) Bethune College, University of Calcutta, 1st Class (69%)

Research Experience:

Junior/Senior Research Fellow (August 2007- July 2014), Saha Institute of Nuclear Physics, Kolkata, Research work in the field of Material Science and Polymer Thin Films.

Teaching Experience:

Assistant Professor (Physics) (August 2014-March 2016), Dept. Of Applied Sciences, Haldia Institute of Technology, West Bengal

Research Publications:

1. "Swelling Dynamics of Ultrathin Films of Strong Polyelectrolytes"
Tanusree Samanta and M. Mukherjee, *Macromolecules* **44**, 3935 (2011)
2. "Effect of Added Salt on Morphology of Ultrathin Polyelectrolyte Films"
Tanusree Samanta and M. Mukherjee, *Polymer* **53**, 5393 (2012)
3. "Swelling Induced Structural Modification of Polyelectrolyte Ultrathin Films"
Tanusree Samanta, M. Mukherjee, A. Lausi, *Polymer* **55**, 4385 (2014)
4. "Salt Dependent Structural Changes of Polyelectrolyte Films"
Tanusree Samanta and M. Mukherjee, *AIP Conf. Proc.* **1447**, 693 (2012)
5. "Structural Characterization of Polyelectrolyte Thin Film Prepared Under Applied Electric Potential"
Tanusree Samanta and M. Mukherjee, *AIP Conf. Proc.* **1512**, 744 (2013)

Achievements/Awards:

- Qualified NET (LS) in Dec, 2006 from Council of Scientific and Industrial Research, Human Resource Development Group, India
- Junior Research Fellowship (August 2007-August 2009) from Saha Institute of Nuclear Physics (Department of Atomic Energy, Govt. of India)
- Senior Research Fellowship (September 2009-July 2014) from Saha Institute of Nuclear Physics (Department of Atomic Energy, Govt. of India)
- Best Poster Award in the "International Conference on Advanced Nanomaterials and Nanotechnology" (ICANN- 2009), IIT Guwahati, (December- 2009).
- Best Poster Award in the "Symposium on Polymer Science" (SPS-2011), IISER-Kolkata, Kolkata (December-2011)
- Best Poster Award in "56th DAE Solid State Physics Symposium" (DAE SSPS-2011, SRM University, Chennai (December-2011)

Papers/Posters Presented in Conferences:

1. '**International Conference on Advanced Nanomaterials and Nanotechnology**' (ICANN- 2009), IIT Guwahati (December-2009)
"Swelling Induced Dewetting of Ultrathin films of Strong Polyelectrolyte" (**Poster**)
2. '**International Conference on Radiation Physics and its Applications**' (ICRPA 2010), Burdwan University, Burdwan (January-2010)
"Study of the Swelling Dynamics of Strong Polyelectrolyte Ultrathin Films using X-ray Reflectivity Technique" (**Poster**)
3. '**International Conference on Fundamental & Applications of Nanoscience & Technology**' (ICFANT 2010) Jadavpur University, Kolkata, (December 2010)
"Swelling Dynamics of Ultrathin Films of Strong Polyelectrolyte" (**Oral**)

4. **'Symposium on Polymer Science'** (SPS-2011), IISER-Kolkata, Kolkata (December-2011)
"Thickness Dependent Swelling Dynamics of Polyelectrolyte Ultrathin Films" **(Poster)**
5. **'56th DAE Solid State Physics Symposium'** (DAE SSPS-2011), SRM University, Chennai (Dec.-2011)
"Salt Dependent Structural Changes of Polyelectrolyte Films" **(Poster)**
6. **'International Conference on Nano Science and Technology'** (ICONSAT-2012), Taj Krishna, Hyderabad (January-2012)
"Swelling Dynamics of Polyelectrolyte Thin Films: A Salt Concentration Dependency Study" **(Poster)**
7. **'12th International Conference on Surface X-ray and Neutron Scattering'** (SXNS-12), Hyatt Regency, Kolkata (July-2012)
"Effect of Salt on Swelling Dynamics of Polyelectrolyte Thin Films" **(Poster)**
8. **'57th DAE Solid State Physics Symposium'** (DAE SSPS-2012), IIT Bombay, Mumbai (December-2012)
"Structural Characterization of Polyelectrolyte Thin Film Prepared Under Applied Electric Potential" **(Poster)**
9. **'1st International Workshop on Nanomaterials'** (IWON), Jadavpur University, Kolkata (December-2012)
"Polyelectrolyte Ultrathin Films: Electro-deposition vs. Spin Coating" **(Poster)**
10. **'International Conference on Electron Microscopy'** (EMSI-2013), Hyatt Regency, Kolkata (July- 2013)
"Structural Evolution of Polyelectrolyte Ultrathin Films with Salt Concentration" **(Oral)**
11. **'Young Scientists' Colloquium'** (YSC-2013), Jadavpur University, Kolkata (August-2013)
"Swelling Dynamics of Polyelectrolyte Ultrathin Films" **(Oral)**
12. **'International Conference on Nano Science and Technology'** (ICONSAT-2014), INST, Mohali (March- 2014)
"Swelling Induced Structural Modification of Polyelectrolyte Ultrathin Films" **(Poster)**
13. **'National Seminar on Advanced Functional Materials, Technology and its Social Implications'**
(NSAFMTSI – 2015), HIT, Haldia (January-2015)
"Swelling Dynamics of Polyelectrolyte Thin Films" **(Oral)**
14. **'2nd International Conference on Nanotechnology'** (ICNT-2015), HIT, Haldia (February-2015)
"Swelling Induced Structural Modification of Polyelectrolyte Thin Films" **(Oral)**