



**GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY**  
**PASCHIM MEDINIPUR, PIN 721135, WEST BENGAL**

1. Name: Dr. Manidip Shasmal

2. Department: Zoology

3. Highest academic degree: Ph.D.

4. Specialization: Molecular cytogenetics, Cancer biology & Biotechnology

5. Contact number: 9831785614

6. E-mail: mshasmal1982@gmail.com

7. Date of joining to the service: 15th Dec'2015



8. Colleges served:

	<i>Name of the College</i>	<i>From</i>	<i>Till</i>
1	Govt. General Degree College, Keshiary	12-07-2015	present
2			
3			

9. Area of research interest:

- 1 Structural Biology
- 2 Translational stress response in bacteria
- 3 Mechanism of Drug Resistance in cancer cells

10. Publications:

Paper/Research article		Book/book-chapter		Citation	ΣIF	h-index	i-index	Abstracts
<i>International</i>	<i>National</i>	<i>International</i>	<i>National</i>					
4				22	14.39			

11. Awards/achievement of special mention:

- 1 The Protein Society Best Poster Award, IISc. Bangalore
- 2 DBT- Research Associateship, Govt. of India
- 3

12. Research project/extramural grant mobilized:

	<i>Funding agency/body</i>	<i>Amount(Rs.)</i>	<i>Name of the research project</i>	<i>From</i>	<i>Till</i>
1					
2					
3					

13. Patent (International/National)

- 1
- 2

14. Editorial board member/ Reviewer of any journal/literary body:

- 1
- 2
- 3
- 4
- 5

**15. Member of learned society:**

- 1
- 2

**16. List of full length publications (year wise in descending order):**

- 1 Manidip Shasmal, Sandip Dey, Tanvir R Shaikh, Sayan Bhakta, Jayati Sengupta. "E. coli Metabolic Protein AdhE Binds to the Ribosome: A unique Moonlighting Action Revealed." Scientific Reports 6: 19936 (2016).
- 2 Jayati Sengupta, Manidip Shasmal. "Cryo-EM visualization of Mycobacterium 70S ribosome reveals unique structural components at the function sites." Journal of Biomolecular Structure & Dynamics 31 Jan (2013); Albany 2013 Conversation 18 June 11-15 2013.
- 3 Manidip Shasmal, Jayati Sengupta. "Structural Diversity in Bacterial Ribosomes: Mycobacterial 70S Ribosome Structure Reveals Novel Features." PLoS One 7: e31742 (2012).
- 4 Manidip Shasmal, Biprashekhar Chakraborty, Jayati Sengupta. "Intrinsic Molecular Properties of the Protein-Protein Bridge Facilitate Ratchet-Like Motion of the Ribosome." Biochemical and Biophysical Research Communications 399:192-197 (2010).

**17. List of published abstract (year wise in descending order):**

- 1

**18. List of Seminar/Workshop/Conference/Symposium attended (year wise in descending order):**

- 1 "Workshop on Cryoelectron Microscopy in Life Sciences" organized by Saha Institute of Nuclear Physics, Kolkata and National Institute of Cholera & Enteric Diseases, Kolkata. --- 03/07/2013 to 05/07/2013
- 2 "International Conference on Electron Microscopy and XXIV Annual Meeting of the Electron Microscopy Society of India (EMSI)" organized by Saha Institute of Nuclear Physics, Kolkata and National Institute of Cholera & Enteric Diseases, Kolkata. ---05/07/2013 to 06/07/2013
- 3 "International Conference on Biomolecular Forms and Functions: A Celebration of 50 Years of the Ramachandran Map" organized by Indian Institute of Science, Bangalore. --- 08/01/2013 to 11/01/2013
- 4 "National Fluorescence Workshop in FCS 2012" organized by Saha Institute of Nuclear Physics, Kolkata and CSIR-Indian Institute of Chemical Biology, Kolkata. --- 03/12/2012 to 07/12/2012
- 5 "Training Programme on Laboratory Safety: Radiation Safety, Chemical Safety & Bio-safety" organized by CSIR-Indian Institute of Chemical Biology, Kolkata. --- 15/09/2011
- 6 "50th International Conference on Electron Nanoscopy & XXXII Annual Meeting of Electron Microscopy Society of India" organized by Defence Metallurgical Research Laboratory, Hyderabad. FEI, ZEOL. --- 06/07/2011 to 08/07/2011
- 7 "Workshop on Molecular Biological Techniques" organized by Department of Zoology, University of Burdwan. --- 16/04/2008 to 18/04/2008

**19. Special mention (if any):**