



TEACHER PROFILE/ CV

- 1. Full name of the faculty member: Prof. Sanchayita Mondal**
- 2. Designation: Assistant Professor**
- 3. Department: Physics**
- 4. Specialization: Electronics & Condensed Matter Physics (Experimental)**
- 5. Contact Information: mum.physics@gmail.com**
- 6. Academic qualifications:**

College/ university	Abbreviation of the Degree
Saha Institute of Nuclear Physics, Kolkata	Ph.D (pursuing)
Jadavpur University	M.Sc. in Physics
Jadavpur University	B.Sc. (Hons.) in physics

- 7. Post held before appointment at this institution:**

Designation	Department	Duration		Institution
		From	To	
Senior research fellow	Condensed Matter Physics	Aug 2012	Feb 2015	Saha Institute of Nuclear Physics
Junior research fellow	Condensed Matter Physics	Aug 2010	Aug 2012	Saha Institute of Nuclear Physics

- 8. Research interests: Structure analysis, Magnetisation & Thermoelectricity Study, Heusler Alloys**



9. Paper presentation:

- "Structural and transport properties of two new Heusler type Ru_2VAI and Ru_2VGa compounds" 57th DAE Solid State Physics Symposium, IIT Bombay, Mumbai, India, 3-7th December 2012.
- " Ru_2VAI and Ru_2VGa : Two new Heusler-type compounds" International conference on Recent Trends in Applied Physics and Material Science, Bikaner, Rajasthan, India, 1-2nd February 2013.
- "Search for Half-Metallic Antiferromagnetism in Ru_2VAI and Ru_2VGa " International Conference on Magnetic Materials and Applications (MagMA 2013), Guwahati, India. 5-7th December 2013.

10. Publications:

"Structural and transport properties of two new Heusler type Ru_2VAI and Ru_2VGa compounds" Sanchayita Mondal, Chandan Mazumdar and R. Ranganathan, AIP Conf. Proc. 1512, 978 (2013).

" Ru_2VAI and Ru_2VGa : Two new Heusler-type compounds" Sanchayita Mondal, Chandan Mazumdar and R. Ranganathan, AIP Conf. Proc. 1536, 825 (2013).