



## Faculty Details proforma for DU Web-site

**(PLEASE FILL THIS IN AND Email it to [websiteDU@du.ac.in](mailto:websiteDU@du.ac.in) )**

<b>Title</b>	<b>Dr.</b>	<b>First Name</b>	<b>Debabrata</b>	<b>Last Name</b>	<b>Mishra</b>	<b>Photograph</b>
<b>Designation</b>		Assistant Professor				
<b>Address</b>		Room No- 98, New MSc Block, Department of Physics & Astrophysics, University of Delhi, Delhi-110007				
<b>Phone No Office</b>						
<b>Residence Mobile</b>		9069632823				
<b>Email Web-Page</b>		<a href="mailto:dmishra@physics.du.ac.in">dmishra@physics.du.ac.in</a> ; <a href="mailto:debabrata.iit@gmail.com">debabrata.iit@gmail.com</a> <a href="https://sites.google.com/site/debabrataspin/home">https://sites.google.com/site/debabrataspin/home</a>				
<b>Educational Qualifications</b>						
<b>Degree</b>		<b>Institution</b>			<b>Year</b>	
MSc		Sambalpur University, Odisha			2001-2003	
PhD		Indian Institute of Technology Guwahati			2005-2010	
<b>Career Profile</b>						
2012-2015- Postdoctoral Researcher, Weizmann Institute of Science, Israel 2010-2012- Postdoctoral Researcher, Wayne State University, Detroit, MI						
<b>Administrative Assignments</b>						
Involved in many committees of the Department.						
<b>Areas of Interest / Specialization</b>						
Bioelectronics, Spin transfer in Biomolecules, Molecular Spintronics						
<b>Subjects Taught</b>						
1- Electromagnetic theory and electrodynamics 2- Solid state Physics(P) Lab						
<b>Time table of the subjects taught during the current semester</b>						
<b>S.No.</b>	<b>Subject</b>	<b>Days</b>	<b>Time</b>	<b>Classroom</b>		
01	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.		
<b>Research Guidance</b>						

3 PhD students continuing their PhD under my supervision.
<b>Publications Profile</b>
<a href="https://scholar.google.co.in/citations?user=-vujBOAAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.co.in/citations?user=-vujBOAAAAAJ&amp;hl=en&amp;oi=ao</a>
<b>Publications in the Last one year</b>
<p>1- First-principles study of the structural and electronic properties of bulk ZnS and small ZnSn nanoclusters in the framework of the DFT+U method, Phys. Rev. B (Accepted), 2019 Manas Sharma, Debabrata Mishra*, and Jagadish Kumar</p> <p>2- First principles study of the influence of metallic-doping on crystalline ZnS: From efficiency aspects for use in a ZnS based dye sensitized solar cell (DSSC); M Sharma, S Gupta, S Prasad, PK Bharatiya, D Mishra*; Integrated Ferroelectrics 194 (1), 96-103.</p>
<b>Conference Organization/ Presentations (in the last three years)</b>
<p>1- ICTAM-AMF 10, 2016, University of Delhi, New Delhi</p> <p>2- International Conference on Nano-Structured Materials &amp; Devices (ICNSMD-2018, Khalsa College Delhi.</p>
<b>Research Projects (Major Grants/Research Collaboration)</b>
<p>1- UGC Start-up grant- 2018</p> <p>2- IMPRINT 2- (MHRD-DST)- 2019</p> <p>3- Core research grant (SERB)- 2019</p>
<b>Awards and Distinctions</b>
<p>1- Dean's Fellowship, Weizmann Institute of Science, Israel, 2013</p>
<b>Association With Professional Bodies</b>
<b>Other Activities</b>

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.