




## Gangadhar Meher University, Sambalpur (Faculty Profile)

<b>Name</b>	Dr. Namita Shadangi			<b>Photograph</b> 
<b>Designation</b>	Associate Professor			
<b>School</b>	Physics			
<b>Address (Office)</b>	School of Physics, Amrita Bihar, GMU			
<b>Address (Residence)</b>	Haragauri Bihar, Ainthapali, Sambalpur			
<b>Voice (Landline/Mobile)</b>	9238580182			
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<b>Alternate Email</b>	<a href="mailto:nshadangi@gmuniversity.ac.in">nshadangi@gmuniversity.ac.in</a> , <a href="mailto:Manoj.siliconwest@gmail.com">Manoj.siliconwest@gmail.com</a>			
<b>ORCID ID</b>	<a href="https://orcid.org/0000-0002-8541-7934">https://orcid.org/0000-0002-8541-7934</a>			
<b>Researcher ID</b>				
<b>SCOPUS ID</b>	37079479600			
<b>PubMed ID</b>				
<b>Qualifications</b>				
<b>Degree</b>	<b>Institution</b>	<b>Year</b>	<b>Subject Details</b>	
BA/BSc/BCom	Sambalpur University	1992	PCM, PHY(H)	
MA/MSc/MCom	Sambalpur University	1994	Physics	
MPhil	Sambalpur University	1995	Physics	
PhD	Sambalpur University	2017	Condensed Mater Physics	
Any other				
<b>Areas of Interest/ Specialization</b>				
Nuclear Physics				
<b>Teaching/Research Experience</b>				
<b>Organization/Institution</b>	<b>Designation</b>	<b>Duration</b>	<b>Role</b>	
Larambha College Braja Bihar, Larambha Bargarh, Orissa – 768102	Lecturer	10/05/1994 - 30/12/1997		
Padmashree Krutarth Acharya Institute of Engineering & Technology	Sr. Lecturer	27/01/1998- 31/04/2002	HOD Physics, FIC -Discipline	
Padmashree Krutarth Acharya College of Engineering	Sr. Lecturer (Selection Grade)	25/07/2012- 25/10/2017	HOD Physics FIC -Discipline	
Silicon Institute of Technology, Silicon West, Sason, Sambalpur, Odisha 768200.	Asst. Professor (HOD,BSH)	25/07/2012- 25/10/2017	HOD (BSH) FIC –Discipline, Student Council, CASH(President)	
Vikash Institute of Technology, Vikash Knowledge Hub. Baragaguda Canal Chowk., Bargarh	Associate Professor, (Department of Physics)	26/11/2018- 29/05/2019	HOD Physics	
<b>Awards and Honors (Top Five only)</b>				
<b>Reviewer - DAE Solid State Physics Symposium</b>				

<b>International Collaboration/Consultancy (Top Five only)</b>
NA
<b>Extra-mural Projects (Give Details)</b>
Completed: NA Projects in hand: NA Projects submitted: NA
<b>PhD Guided/Ongoing</b>
NA
<b>Publications</b>
Number of Publications: Books/Monographs : ( ), Last Five Years ( ), Last Three Years ( ), Last One Year ( ) Research papers: Total : ( 2 ), Last Five Years ( 1 ), Last Three Years ( 0 ), Last One Year ( 0 ) Reviews: ( ), Last Five Years ( ), Last Three Years ( ), Last One Year ( ) Book chapters: ( ), Last Five Years ( ), Last Three Years ( ), Last One Year ( )
<b>Best Peer/Review Publications (Up to 5)</b>
<ol style="list-style-type: none"> <li>1. Title of the paper: Dynamics of impurity modes and electron–phonon interaction in Heavy Fermion (HF) systems Name of Journal: <i>Physica B: Condensed Matter</i>; Cited in: Scopus; JIF: 1.386; Year of Publication: 2014; Volume: 442; Issue No: NA; Page No From: 106; Page No To: 113; ISSN: 09214526; SCI / SSCI / A&amp;HCI</li> <li>2. Title of the paper: Magnetic susceptibility and electron–phonon (e–p) interaction in some U and Ce based heavy fermion (HF) systems Name of Journal: <i>Journal of Magnetism and Magnetic Materials</i>; Cited in: Scopus; JIF: 2.63; Year of Publication: 2015; Volume: 378; Issue No: NA; Page No From: 493; Page No To: 498; ISSN: 03048853; Whether Indexed in SCI / SSCI / A&amp;HC</li> <li>3. Title of the paper: Effect of electron-phonon interaction and temperature dependence of resistivity in some heavy fermion Name of Journal: <i>Indian Journal of Physics</i>; Cited in: Scopus; JIF: 0.988; Year of Publication: 2010; Volume: 84; Issue No: 10; Page No From: 1333; Page No To: 1339; ISSN: 09749845; Whether Indexed in SCI / SSCI / A&amp;HCI</li> <li>4. Title of the paper: Phonon response of some heavy Fermion systems in dynamic limit Name of Journal: <i>International Journal of Modern Physics B</i>; Cited in: Scopus; JIF: 0.736; Year of Publication: 2017; Volume: 31; Issue No: 12; Page No From: 17500901; Page No To: 17500916; ISSN: 17936578; Whether Indexed in SCI / SSCI / A&amp;HCI</li> <li>5. Title of the paper: Observation of Kondo insulator behavior through fd interaction in some heavy fermion (HF) systems Name of Journal: AIP Conference Proceedings; Cited in: UGC List; JIF: 0; Year of Publication: 2013; Volume: 1536; Issue No: 1; Page No From: 1107; Page No To: 1108; ISSN: 0094243X;</li> </ol>
<b>Paper Presentation in Major Conferences (Up to 5)</b>
<ol style="list-style-type: none"> <li>1. Invited Lectures / Papers Presentation: Paper Presented Title of the Paper Presented: Observation of Kondo insulator behavior through f-d interaction in some heavy fermion (HF) systems Title of conference / seminar: Recent Trends in Applied Physics &amp; Material Science (RAM-2013) Date From: 01-02-2013; Date To: 02-02-2013; Organized By: Govt. College of Engineering &amp; Technology, Bikaner; Level of Organization: International</li> <li>2. Invited Lectures / Papers Presentation: Paper Presented Title of the Paper Presented: The Effect of Hybridization on kondo temperature and resistivity of some heavy fermion systems Title of conference / seminar: 60th DAE Solid State Physics Symposium Date From: 21-12-2015; Date To: 25-12-2015; Organized By: Amity University, Noida (UP) ; Level of Organization: National</li> <li>3. Invited Lectures / Papers Presentation: Paper Presented Title of the Paper Presented: Effect of Electron-Phonon Interaction on Resistivity of Some Heavy Fermion (HF) Systems Title of conference / seminar: 58th DAE Solid State Physics Symposium Date From: 17-12-2013; Date To: 21-12-2013; Organized By: Thaper University, Punjab ; Level of Organization: National</li> <li>4. Title of the Paper Presented: Phonons in CeM In 5(M=Rh,Ir,Co) heavy fermion systems Title of conference / seminar: Condensed Matter Days (CMDAYS 10) Date From: 25-08-2010; Date To: 27-08-2010; Organized By: Department of Physics, University of Kalyani, Kalyani- 741235, W.B. INDIA.; Level of Organization: National</li> <li>5. Invited Lectures / Papers Presentation: Paper Presented Title of the Paper Presented: Study of Magnetic Susceptibility in Some Heavy Fermion (HF) Superconductors Title of conference / seminar: 58th DAE Solid State Physics Symposium Date From: 17-12-2013; Date To: 21-12-2013; Organized By: Thaper University, Punjab ; Level of Organization: National</li> </ol>
<b>Patents (if any)</b>
<b>Memberships of Professional Bodies/Societies (Up to 5)</b>
<ol style="list-style-type: none"> <li>1. Life time Member of- <b>Indian Society of Technical Education (ISTE)</b></li> <li>2. Life time Member of- <b>Orissa Physical Society (OPS)</b></li> </ol>
<b>Other Details (Academic/Research Related)</b>

<b>Research Matrix [Current]</b>				
<b>Database</b>	<b>Total citations</b>	<b>Total publications</b>	<b>Open Access</b>	<b>h-index</b>
<b>WoS</b>	4	8		1
<b>Publons</b>	4	8		
<b>Scopus</b>	4	8		1
<b>PURE</b>	4	8		
<b>GS</b>	4	8		1
<b>RG</b>	4	8		1
<b>ICI</b>	4	8		

*Namita Shadangi*  
(Signature)