

Title	Dr	First Name	Noubihary	Last name	Pradhan	Photograph
Designation	Associate Professor					
Department	Physics					
Address	Govt. Women's College, Sambalpur					
Phone No (Residence) optional	9439641136					
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<b>Education</b>						
<i>Subject</i>	<i>Institution</i>			<i>Year</i>	<i>Details</i>	
HSC	Kuchinda high school			1978	First division.	
ISC	Kuchinda College			1980	First division.	
B.Sc (H)	G.M.College,Sambalpur			1982	First class hons with distinction.	
M.Sc	P.G.Dept of Physics, Sambalpur University			1984	First class	
M.Phil	P.G.Dept of Physics, Sambalpur University			1986	B grade (2.8)	
P.hd	P.G.Dept of Physics, Sambalpur University			2020		
<b>Career Profile</b>						
<i>Organization/ Institution</i>		<i>Designation</i>		<i>Duration</i>	<i>Role</i>	
Rajendra College, Balangir		Lecturer		1990-1994	Teaching	
G.M.College, Sambalpur		Lecturer		1994-2002	Teaching	
G.M.Junior College, Sambalpur		Reader		2002-2014	Teaching	
G.M.(Auto) College, Sambalpur		Reader		2014-2016	Teaching	
MDC, Malkangiri		Reader		2016-2017	Teaching	
Govt. Women's College		Associate Proffessor		2017- Continuing	Teaching	
<b>Research/ Interests/ Specialization</b>						
QUANTUM MECHANICS & QUANTUM FIELD THEORY						
<b>Teaching Experience (Subjects/ Courses Taught)</b>						
CLASSICAL MECHANICS, QUANTUM MECHANICS, MATHEMATICAL PHYSICS, STATISTICAL MECHANICS, PARTICLE PHYSICS						
<b>Honors &amp; Awards</b>						
National Scholarship (JRF) CSIR						

Publications: Books				
S. No.	Title of Books	Publisher	Year	ISBN
1.				
2.				
Publications: Articles / Book Chapter				
1.	[1] <i>Perturbation theory for arbitrary coupling Strength?</i> , B.P. Mahapatra and N.B. Pradhan, <i>Modern Physics Letters A</i> 33, 1850037, (2018).			
2.	[2] <i>"Perturbation Theory for Arbitrary Coupling Strength?"</i> , B.P. Mahapatra and N.B. Pradhan, arXiv:1607.01510v1[quant-ph], 06-7-2016.			
3.	[3] <i>"Square-Well Approximation for the Anharmonic and the Double-Well Oscillators"</i> , B. P. Mahapatra and N.B. Pradhan, arXiv:1405.2774v1[quant-ph], 09-5-2014.			
4.	[4] <i>"A New General Approximation Scheme in Quantum Theory: Application to the Anharmonic and the Double Well Oscillators"</i> , B.P. Mahapatra, N. Santi and N.B. Pradhan, <i>International Journal of Modern Physics A</i> 20, 2687 (2005).			
5.	[5] <i>"A New General Approximation Scheme (NGAS) in Quantum Theory: application to the anharmonic- and double well oscillators"</i> , B.P. Mahapatra, N. Santi and N.B. Pradhan, quant-phy/0406036, 12-06-2004.			
6.	[6] <i>"Vacuum structure, stability and non-triviality of <math>\lambda\phi^4</math> theory"</i> , B. P. Mahapatra, N. Santi and N. B. Pradhan, <i>Ind. J. Pure and Applied Phys.</i> 39, 545 (2001).			
7.	[7] <i>"The <math>\lambda\phi^4</math> vacuum as a Particle Condensate"</i> , B. P. Mahapatra, N. Santi and N. B. Pradhan, <i>Bulletin of Orissa Phys. Soc.</i> 8, 29 (2000).			
8.	[8] <i>"Vacuum Structure and Accurate Energy Levels of the Quantum Anharmonic Oscillator"</i> , B.P. Mahapatra, N. Santi and N. B. Pradhan, <i>Bulletin of Orissa Phys. Soc.</i> 5, 1 (1997).			

<b>Conference/ Presentations</b>				
<b>Public Service/ University Service/ Consulting Activity/ College Committee members</b>				
<ol style="list-style-type: none"> <li>1. Coordinator RUSA</li> <li>2. OIC Examination Cell</li> <li>3. OIC College Time Table</li> <li>4. OIC College Website</li> </ol>				
<b>Professional Societies Memberships</b>				
Life member, Odisha Physical Society				
<b>Projects(Major Grants/ Collaborations)</b>				
<b>Other Details</b>				
<i>Seminars, Conferences, Symposia Workshops, FDP etc., attended</i>				
<b>Seminar/ Conference/ Workshop etc.</b>	<b>Name of the Sponsoring Agency</b>		<b>Place and Date</b>	
1. Refresher Course in Physics			Institute of Physics, BBSR 4 <sup>th</sup> June to 16 <sup>th</sup> June, 2007	
2. UGC Refresher Course			Berhampur University 1 <sup>st</sup> Feb to 21 <sup>st</sup> Feb, 2005	
3. UGC Refresher Course			Sambalpur University 22 <sup>nd</sup> Nov to 12 <sup>th</sup> Dec, 2005	
4. Refresher Course in Physics			Institute of Physics, BBSR 9 <sup>th</sup> June to 21 <sup>st</sup> June, 2003	
5. UGC Refresher Course in Physics			Visva Bharati 7 <sup>th</sup> March to 27 <sup>th</sup> March, 1998	
6. Academia Refresher Course			Sambalpur University 15 <sup>th</sup> Nov to 12 <sup>th</sup> Dec, 1998	

7. Teacher's Training Programme for B.Sc (Hons) Computer Science Course	Odisha Computer Application Centre, BBSR 1 <sup>st</sup> May to 14 <sup>th</sup> June, 1999
8. Teacher's Training Programme for B.Sc (Hons) Computer Science Course	Odisha Computer Application Centre, BBSR 1 <sup>st</sup> May to 16 <sup>th</sup> June, 2000
9. National seminar on " Role of physics in technological advances"	Veer Surendra Sai University of Technology 8 <sup>th</sup> feb-9 <sup>th</sup> feb, 2020
10. National seminar on " Advances in Physics in the last half Century and its application to society"	G.M. University 27 <sup>th</sup> feb-28 <sup>th</sup> feb, 2016
11. National Seminar on Global Warming and Clean Energy (27 <sup>th</sup> Annual Conference of OPS)	North Odisha University, Baripada 13 <sup>th</sup> feb-14 <sup>th</sup> feb, 2010
12. National Seminar on Advancement of Nanotechnology in Physics	Ispat College, Rourkela 7 <sup>th</sup> feb-8 <sup>th</sup> feb, 2009
13. National Conference on Einstein and twentieth century Physics	Prananath (Auto) College, Khurda 11 <sup>th</sup> feb-12 <sup>th</sup> feb, 2006
14. 21 <sup>st</sup> Annual Convention of Odisha Physical Society (Conference on Physics and Industry Interface -A 21 <sup>st</sup> Century Perspective)	Christ College Cuttack 14 <sup>th</sup> feb-15 <sup>th</sup> feb, 2004
15. National Seminar on Recent advances in Physics	Dept. of Physics, Berhampur University 19 <sup>th</sup> Sept-20 <sup>th</sup> Sept,
16. 20 <sup>th</sup> Convention of Odisha Physical Society	Dept. of Physics, Prananath College, Khurda 9 <sup>th</sup> feb-10 <sup>th</sup> feb, 2002

17. 14 <sup>th</sup> DAE Symposium on High Energy Physics		University of Hyderabad 18 <sup>th</sup> Dec-22 <sup>nd</sup> Dec, 2000