

## **CURRICULUM VITAE**



**NAME:** JYOTI RANJAN MOHANTY

**FATHER'S NAME:** RAMA CHANDRA MOHANTY

**DATE OF BIRTH:** 01/01/1985

**ADDRESS:** 3R(F)-60, O.U.A.T Colony  
BHUBANESWAR-03  
ORISSA

**MOBILE:** 09778328441

**MAIL ID:** *jrmohanty2007@gmail.com*

### **EDUCATIONAL QUALIFICATION :**

<b>Name of the Exam</b>	<b>Board/University</b>	<b>Year of Passing</b>	<b>Marks secured</b>	<b>Percentage of Marks</b>	<b>Division</b>
10 <sup>th</sup>	CBSE	2000	401/500	80.2	1st
12 <sup>th</sup>	CHSE	2002	666/900	74	1st
B.Sc(Physics)	Utkal University	2005	663/800 (physics honours)	82.8	1st
M.Sc (Physics)	Utkal University	2007	694/1000	69.4	1st
M.Phil (Physics)	Berhampur University	2009	181/300	60.3	1st
BEEd.	Yogi Vemana University	2019	-	83.6	1st

## PARTICIPATION

Sl.No	Name of the Conference / workshop	Hosting Institute	Presentation type	Date
1.	National Seminar on science and technology for human development	ITER, Bhubaneswar	Participation	5 <sup>th</sup> -6 <sup>th</sup> December,2014
2.	Two week main workshop on fluid Mechanics	IIT, Kharagpur	Participation	20 <sup>th</sup> -30 <sup>th</sup> May,2014
3.	International Conference on Physics at Surfaces and Interfaces ( <b>PSI2014</b> )	Institute of Physics,BBSR	Poster	24 <sup>th</sup> -28 <sup>th</sup> February,2014
4.	National seminar on recent trends in condensed matter physics ( <b>RTCMP-2014</b> )	Siksha 'O' Anusandhan university, BBSR	Participation	8 <sup>th</sup> -9 <sup>th</sup> February,2014
5.	National Seminar on Recent trends of nanotechnology in chemical sciences ( <b>RTNCS-13</b> )	Synergy Institute of Technology, BBSR	Oral	20 <sup>th</sup> -21 <sup>st</sup> December,2013
6.	<b>ISTE</b> workshop on Engineering Mechanics	IIT Mumbai	Participation	26 <sup>th</sup> November – 6 <sup>th</sup> December, 2013
7.	International Conference on Ion-beam Induced Nanopatterning of Materials ( <b>IINM-2011</b> )	Institute of Physics,BBSR	Poster	6 <sup>th</sup> February – 10 <sup>th</sup> February, 2011
8.	National seminar on Role of teachers in professional education in the changing scenario	KIIT, BBSR	Participation	19 <sup>th</sup> October,2008
9.	<b>DAE-BRNS</b> seminar – cum-workshop on Materials Characterization and Surface Modification in Research and Industry using Ion Accelerators( <b>MCIA-2008</b> )	Institute of Physics,BBSR	Participation	31 <sup>st</sup> March-4 <sup>th</sup> April ,2008
10.	Visiting Students Research Program ( <b>VSRP-2006</b> )	NCRA (TIFR), Pune	Participation	15 <sup>th</sup> may-11 <sup>th</sup> july, 2006

## PUBLICATION

- i) Published a paper named “**Formation of self-organised nanostructures on semi-insulating InP by 100 keV Ar<sup>+</sup>-ion irradiation**” in [Applied Surface Science 258 \(2012\) 4139– 4143](#), from Elsevier Publishing House.
- ii) Published a paper named “**Unusual pattern formation on Si(100) due to low energy ion bombardment**” in [Applied Surface Science 258 \(2012\) 9944 – 9948](#), from Elsevier Publishing House.
- iii) Published a paper named “ **Study of Dark Matter of a White Dwarf galaxy**” in the students’ Journal of Physics named “ **PRAYAS**” issue: volume-2, Number-5, Sept-Oct 2005.

## EXPERIENCE

- i) Physics Lecturer in **Sri Aurobindo Institute of Integral Education**, Khandagiri, for about one year since 1<sup>st</sup> August 2007.
- ii) One month teaching experience at **SCS college, Puri**.
- iii) Worked as a Lecturer in Physics at **GITAM, Bhubaneswar** from 8<sup>th</sup> August 2008 till 14<sup>th</sup> August 2009.
- iv) Worked as a Physics Lecturer at **NIT, Bhubaneswar** from 16<sup>th</sup> August 2009 till 17<sup>th</sup> September 2011.
- v) Worked as a Physics Lecturer at **BIT, Bhubaneswar** from 3<sup>rd</sup> October 2011 till 17<sup>th</sup> June 2012.

- vi) Worked as a Guest faculty in **BJB(A) College, Bhubaneswar** from July 2012 – October,2012.
- vii) Worked as a senior lecturer in **GEC, Bhubaneswar** from 14<sup>th</sup> November, 2012 till 24<sup>th</sup> December, 2014.
- viii) Presently working as a PGT in Physics in DAV Public school, chandrasekharpur since June 2015.

## **MEMBERSHIP**

- i) Active member of **SCAAA** (Samanta Chandrasekhar Amateur Astronomer's Association) whose president is **Prof. L Satpathy** of **IOP, Bhubaneswar**.
- ii) Life time member of Orissa Physical Society (**OPS**).