CURRICULUM- VITAE

SARITA MOHANTY

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Lectureship

Seeking challenging career in academic sector.

EDUCATIONAL QUALIFICATION

- **Ph.D. Thesis (in particle Physics)(2016)**
  Topic: "PHENOMENOLOGICAL MODEL BUILDING IN HIGHER DIMENSIONAL UNIFIED THEORY"
- M**. Phil in Particle Physics(2006)**
  Cleared with 66% at Berhampur University.

- **M. Sc. In physics(s.p.-Electronics)(2001)**
  Passed with 1st class(66%)
  Khallikote Autonomous College, Berhampur University.

- **B. Sc.(Physics Hons)(1999)**
  Passed with 1st class(63.5%)
  K.S.U.B. College, Bhanjanagar, Berhampur University.

- **CHSE (+2 Sc.)(1996)**
  Passed with 1st class (63%)
  Sabitri women's College, Bhanjanagar.

- **HSC(1994)**
  Passed with 1st class (69%)
  Government Girl's High School, Phulbani.

Teaching Experience

- Worked as a guest faculty at Khallikote College, Berhampur, during the period 2016-2017.
- Worked as a contractual faculty at Parala Maharaja engineering college, Berhampur, during the period 2015-2016.
- Worked as a lecturer in physics at Cambridge Junior College, Berhampur, during 2006-2009.

Research Experience

Worked as a research scholar under the J.R.F. (University awardee) from the year 2009 to 2012

Research Publications:

1. Planck Scale effect in a Supersymmetric E_6 model, (with S. Mishra); Odisha Journal of physics, ISSN 0974-8202, Vol. 24, No. 1, 143-153(Feb. 2017)

2. Left-Right Symmetric model from an SU(6) gauge theory in Eight Dimensional Space, (with S. Mishra) ; Int. Journal of Theo. Phys., Group Theory and Nonlinear Optics, **ISSN** 1525-4674, Vol. 17, No. 3, 233 (2015), Nova Science publishers.

3. Supersymmetric E_6 models with low intermediate scales, (with S. Mishra), Journal for applied Physics, International organization of Scientific Research (IOSR-JAP), vol 7, issue 6, Ver. I(Nov.- Dec.2015), pp 30-36.

4. Left-right symmetric models from higher dimensional space (with S. Mishra); Journal for applied Physics, International organization of Scientific Research (IOSR), vol 7, issue 3, Ver. I(May-june.2015).

5. Low scale Leptogenesis in super symmetric E_6 model.(with S.Mishra), New Advances in Physics, ISSN-0974-3553,vol 8, no. 1,(2014), serial publication.

6. Model Building in Even Higher Dimensional Space With Exceptional gauge group,(With S. Mishra) , Research journal of Berhampur University, ISSN2250-1681, Vol. 1,43-53(2011).

7. Neutrino mass in a six dimensional E(6) model (with S.Mishra) Int. Journal of Theo. Phys., Group Theory and Nonlinear Optics ,vol. 12(4), 251(2008).

Contribution in Symposiums:

1. Low Energy Models From Ten-Dimensional Space Coupled With Exceptional Groups, contributed in UGC Sponsored National Seminar on Current Trends And Prospective of Physics 2017 & 34th Annual Convention Of OPS, Berhampur University.
2. Left-Right Symmetric Models From Kaluza- Klein Motivated Higher Dimensional Space, (with S. Mishra) contributed in National Seminar on Recent Advances in Physics 2014, Berhampur University.
3. Spontaneous compactification effect in a Supersymmetric E_6 model,(with S. Mishra) contributed in 17Th Odisha Bigyan Congress,2014.
4. Neutrino mass in a Gravity induced Supersymmetric E_6 model**,** (with S.Mishra), contributed in Regional Science Congress, 2014.
5. Left-right symmetric model from eight dimensional SU(6) gauge theory.(with S.Mishra) contributed in 16th Odisha Bigyan Congress, 2013.
6. Phenomenological Models in ten-dimensional space with Exceptional groups like E_6, E_7 and E_8 (with S. Mishra), contributed in 15th Odisha Bigyan Congress,2012.

DECLARATION

I hereby declare that all the information made above is true, correct & complete to the best of my knowledge and belief.

Signature

Place : Berhampur Sarita Mohanty