

DR. SAHAZADA AZIZ

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EDUCATION

Department of Physics, University of Burdwan, Burdwan-713104, WB Ph.D. in Physics Thesis: "Electroweak phase transition and some associated phenomena in the Littlest Higgs Models" Research area: Particle Physics, Cosmology, Quantum Field Theory	2014
Department of Physics, University of Burdwan, Burdwan MSc in Physics Special paper: Laser Physics	2006
Banwarilal Bhalotia College, University of Burdwan, Asansol B.Sc. Honors in Physics Minor: Mathematics, Chemistry	2004

AWARDS

SET Qualified	2016
CSIR Senior Research Fellowship	2010 – 2012
UGC RFSMS Fellowship	2010
UGC Junior Reserch Fellowship	2007 – 2009
National Merit Scholarship	1998 – 2000

TEACHING EXPERIENCE

Department of Physics, Trivenidevi Bhalotia College, University of Burdwan, Raniganj Guest Lecturer	2012-13
Post Graduate Division, Department of Physics, Banwarilal Bhalotia College, University of Burdwan, Asansol Guest Lecturer	2012-13, 2006-07
Department of Physics, Asansol Girls' College, University of Burdwan, Asansol Guest Lecturer, Part-time Lecturer	2012-13, 2006-07
Department of Physics, Raniganj Girls' College, University of Burdwan, Raniganj Guest Lecturer	2012
Department of Physics, University Institute of Technology, University of Burdwan, Burdwan Assistant Professor	2011

PUBLICATIONS AND PAPERS (SELECTED)

Phenomenology of electroweak bubbles and gravitational waves in the Littlest Higgs Model with T parity

Sahazada Aziz and Buddhadeb Ghosh

***Physical Review D* 89,013004 (2014)**

On electroweak baryogenesis in the littlest Higgs model with T parity

Sahazada Aziz and Buddhadeb Ghosh

***Modern Physics Letters A*, Vol. 27, No. 34:1250190 (2012)**

On the gauge and BRST invariance of the chiral QED with Faddeevian anomaly

Anisur Rahaman, Safia Yasmin, Sahazada Aziz

***International Journal of Theoretical Physics* 49, 2607 (2010)**

Broken electroweak phase at high temperature in the Littlest Higgs model with T-parity

S. Aziz, B. Ghosh, G. Dey

***Physical Review D* 79, 075001 (2009)**

Electroweak Phase transition in finite temperature Littlest Higgs Models

S. Aziz, B. Ghosh, G. Dey

Conf. Proc. 18th DAE BRNS High Energy Physics symposium (2008)