

PROFILE OF TEACHER



Name: Safia Yasmin

Designation: Assistant Professor in Physics

Date of Birth: 25/03/81

Unique ID: G2006000496 (HRMS-ID)

Educational Qualification: M.Sc. (Burdwan University, 2004), PhD Awarded (Burdwan University 2018).

Work Experience

Teaching: 17 Years

Research: NIL

Others: NIL

Area of Specialization: Electronics and Radio Physics

Courses taught at Under Graduate: Electronics, Nuclear Physics, Mechanics, Mathematical Physics, Optics,

Research guidance (Number of Students): NIL

Ph.D. (Awarded/Ongoing): NIL

Projects carried out: NIL

Patents (Filed & Granted): NIL

Technology Transfer: NIL

Publication of Research papers in Peer-Reviewed or UGC Listed Journals

Sl. No.	Title with author name(s) in order as published	Journal Name, Vol. with page number, Year.	Publisher & ISSN, DOI (if any)	Whether peer reviewed and /or UGC listed, Impact Factor (if any), Citation(s) (if any)	No. of Co-authors	Whether you are the main author/ corresponding author/ co-author
I	Study of Gauge Symmetry Through the Lagrangian Formulation of Some Field Theoretical Models	International Journal of Theoretical Physics (2013) 52:1539–	ISSN(e) 2333-4567	Peer-Reviewed and UGC Listed Impact factor 1.708	01	Main Author

	Pages (1539-1565) [13 January 2013]	1565 (SCI indexed) Springer				
2	On the Poincare and Gauge Symmetry of a Model where Vector and Axial Vector Interaction get Mixed up with Different Weight Pages(5172-5185)) [8 September 2016]	International Journal of Theoretical Physics (2016) 52:1539–1565 (SCI indexed) Springer (SCI indexed) Springer	ISSN(e) 2333-4567	Peer-Reviewed and UGC Listed Impact factor 1.708	01	Main Author
3	On the BRST and finite field-dependent BRST of a model where vector and axial vector interactions get mixed up with different weights Pages(1650171-1 to 1650171-18) [8 November 2016]	International Journal of Modern Physics A (SCI indexed) (2016) World Scientific Publishing Company	ISSN(e) 1793-656X	Peer-Reviewed and UGC Listed Impact Factor 1.381	01	Main Author
4	Gauged Floreanini–Jackiw type chiral boson and its BRST quantization Pages (497–510) [24 June 2017]	Annals of Physics (SCI indexed)383 (2017) ELSEVIER ISSN	ISSN 0003-4916	Peer-Reviewed and UGC Listed Impact factor 2.730	01	Co Author
5	Determination of Phase Space Spectra of the Generalized Chiral Schwinger model with the Lorentz invariant Mass like Term for the Choice $a - r^2 = 0$ Page No. 1516-1522 Accepted 7.03.2021	International Journal of theoretical Physics, Springer (SCI indexed)	ISSN(e) 2333-4567	Peer-Reviewed and UGC Listed Impact Factor 1.708	0	Main Author
6	Generalized version of Chiral Schwinger model in terms of Chiral Bosonization Page No 1-6 Accepted: 18 February 2021	The European Physical Journal C Springer (SCI Indexed)	ISSN 1434-6052	Peer-Reviewed and UGC Care Listed 4.590	0	Main Author
7	Study of gauge symmetry in the velocity phase space through	Indian Journal of Physics (SCI indexed)	ISSN 0973-1458	Peer-Reviewed and UGC Care Listed	0	Main Author

	Lagrangian formulation: some case studies Page No 1791-1799 Accepted: 18 March 2020			Impact Factor 1.947		
8	Gauged Floreanini- Jackiw Type Chiral Boson in Lagrangian Approach Page No 236-244 Accepted 13.03.2021	Bulgarian Journal of Physics	ISSN 1314-2666	Peer-Reviewed and UGC Care Listed	0	Main Author
9	On the Gauge and BRST Invariance of the Chiral QED with Fadeevian Anomoly (2010)	International Journal of theoretical Physics, Springer (SCI indexed)	ISSN(e) 2333-4567	Peer-Reviewed and UGC Care Listed	01	Main Author

Publications (other than Research papers like Books, Book Chapters):

Publication in Conference:

Sl. No.	Title with author name(s) in order as published	Name of Conference, National, international, Vol., Issue, page no., Year.	Publisher & ISSN, DOI (if any)	Whether Referred or Indexed	No. of Co-authors
1	Study of Gauge Symmetry of both the free and gauged Chiral Boson Through the Lagrangian Formulation	XX DAE-BRNS High Energy Physics Symposium	IAEA	Yes	0
2	Study Of Poincare Symmetry Of Generalised Version Of QED (GVQED)	National Seminar On Mathematical Sciences	NA	No	0
3	Investigation On Alternative Quantization and Technique of Get Back GNI Theory From GI Theory	International Conference On Emerging Issues In Cosmology and Particle Physics	NA		

Other relevant information

Human Resource Development Centre (HRDC)/Academic Staff College Orientation/Refresher Course/Others attended

Sl. No.	Name of the Course/Summer School	Place	Duration	Sponsoring Agency
I	Orientation programme	UGC-ASC, Burdwan University	28 days 4th March to 31st March 2011	UGC
	Refresher course in Information Communication Technology	UGC-ASC, Burdwan University	21 days 10th March to 30th March 2012	UGC
2	Refresher Course in electronics and computer science	UGC-ASC, Burdwan University	21 Days (4th July 2017 -24th July 2017)	UGC
3	Refresher Course in Emerging Trends in Science and Technology	UGC-HRDC, Burdwan University	14 days (8 th September 2021 -21st September 2021))	UGC

Extra Curricular/co-curricular activities if any:

Co-curricular activity: Served as Convener, Anti Ragging Committee 2016-Till now