



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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## 1. Personal Profile

Title: **Dr.** First Name: **SIDDHARTHA** Last Name: **LAHON**

Designation: **ASSOCIATE PROFESSOR** Mobile No. **987398255**

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Facebook: **I don't use.** Twitter: **I don't use.**

LinkedIn: **I don't use.** Instagram: **I don't use.**

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: **PHYSICS DEPARTMENT, KIRORI MAL COLLEGE, UNIVERSITY OF DELHI, DELHI 110007**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
PhD	University of Delhi	2013

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	NODAL OFFICER	ALL DEPARTMENT KIRORI MAL COLLEGE, DELHI	01.May.2021 - 30.Apr.2023	Nodal Officer, Admission
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	PHYSICS KIRORI MAL COLLEGE, DELHI	01.May.2015 - 30.Apr.2016	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PHYSICS Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Practical Exam Superintendent
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PORTAL COMMITTEE Kirori Mal College	01.May.2023 - 01.Apr.2024	Member, Portal Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NORTH EAST STUDENT CELL Kirori Mal College	01.May.2023 - 30.Apr.2024	

4. Other Profiles				
Other Profile Name/ Description				
SUBJECTS TAUGHT				
Modern Physics				
Mathematical Physics				
Thermal Physics				
Light and Matter				

5. Research Guidance				
Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
2023	Ph. D.	Electro-optical processes in Quantum Dots	Suman Dahiya	Pursuing

6. Research Projects					
Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction

7. Publications					
Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	P (I) Y
JOURNAL PAPER (International)	Third harmonic generation in quantum dot with Rashba spin orbit interaction	The European Physical Journal B, Springer	M Kumar, S Gumber, S Lahon, PK Jha, M Mohan (Joint Author)	<a href="https://doi.org/10.1140/epjb/e2014-40922-x">https://doi.org/10.1140/epjb/e2014-40922-x</a>	A 2

JOURNAL PAPER (International)	Study of third harmonic generation in InxGa1-xAs semi-parabolic 2-D quantum dot under the influence of Rashba spin-orbit interactions (SOI): Role of magnetic field, confining potential, temperature & hydrostatic pressure	Physica E, Elsevier	S. Dahiya, Siddhartha Lahon, R. Sharma (Joint Author)	<a href="https://www.sciencedirect.com/science/article/abs/pii/S138694772200443X">https://www.sciencedirect.com/science/article/abs/pii/S138694772200443X</a>	M 2
JOURNAL PAPER (International)	Nonlinear interband and intersubband transitions in quantum dots for multiphoton photodetectors	Journal of Applied Physics	Siddhartha Lahon, PK Jha, M Mohan (First Author, Corresponding Author)	<a href="https://pubs.aip.org/aip/jap/article-abstract/109/5/054311/1016623/Nonlinear-interband-and-intersubband-transitions?redirectedFrom=fulltext">https://pubs.aip.org/aip/jap/article-abstract/109/5/054311/1016623/Nonlinear-interband-and-intersubband-transitions?redirectedFrom=fulltext</a>	M 2

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
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## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	FDP - Enhancing Psychological skills for teaching and Practice"	15.Sep.2020 - 28.Dec.2023

**Dr. SIDDHARTHA LAHON**