



# 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
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#### 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	P (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>
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>

## 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**