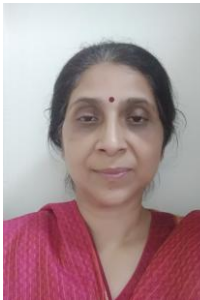


Format for Faculty Details for IGNOU Web site

	Name		DR. SUBHALAKSHMI LAMBA
	Designation		ASSISTANT PROFESSOR (PHYSICS)
	Contact Address		SCHOOL OF SCIENCES, RAMAN BHAWAN, INDIRA GANDHI NATIONAL OPEN UNIVERSITY, MAIDANGARHI, NEW DELHI 110015
	Contact No.	Office	011-29572814
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E mail		slamba@ignou.ac.in	
EDUCATIONAL QUALIFICATIONS			
Degree	Year	Institute/University	
Ph. D	1998	Jawaharlal Nehru University, New Delhi Thesis Title - Electric and Magnetic Properties of Strongly Correlated Electron Systems Supervisor - Prof. Deepak Kumar	
M.Sc	1989	Tata Institute of Fundamental Research, Mumbai- Pune University Joint M.Sc Program, Pune University, Pune	
B. Sc	1986	St. Xaviers College, Kolkata	
CAREER PROFILE			
Experience: <ul style="list-style-type: none"> • Research Associate, National Physical Laboratory, New Delhi (1998-1999) • Research Associate, Department of Physics and Astrophysics, University of Delhi, Delhi (1999-2004) • Senior Research Associate, National Physical Laboratory, New Delhi (2004-2006) • Assistant Professor(Physics), School of Sciences, IGNOU, New Delhi (2006 till date) 			
AREA OF INTEREST/SPECIALIZATION			
<ul style="list-style-type: none"> • THEORETICAL CONDENSED MATTER PHYSICS • NANOMATERIALS: MODELING AND SIMULATION OF NANOMAGNETIC SYSTEMS AND SEMICONDUCTOR NANOMATERIALS 			
ROLE AND RESPONSIBILITIES AT IGNOU			
<ul style="list-style-type: none"> • Course Design/ Development/ Coordination/ Maintenance/ Classroom Teaching B. Sc <ol style="list-style-type: none"> i. Elementary Mechanics ii. Mathematical Methods in Physics-I iii. Mathematical Methods in Physics-II iv. Modern Physics v. Physics of Solids vi. Mathematical Methods in Physics-III 			

B. Sc General (Under UGC-CBCS)

- i. Mechanics
- ii. Electricity and Magnetism
- iii. Thermodynamics and Statistical Mechanics
- iv. Elements of Modern Physics

Pre-Ph.D

- i. Computational Techniques
- ii. Condensed Matter Physics
- iii. Materials Science
- iv. Nanotechnology

M.Sc (Chemistry)

- i. Computational Chemistry

RESEARCH GUIDANCE

Supervision of	Year of completion	Name	Ph. D. Topic
Ph. D Student	2018	RAJAN GOYAL	Magnetization Reversal Mechanism and Exchange Coupling in Transition Metal Based Nanocomposites and Multilayers

Books/Monographs (Authored/Edited)/ **Book Chapter/ Lecture Notes** :

Papers in Refereed/Peer reviewed Journals :

(1) Publications in International Journals: : 24

(2) Publications in National Journals: : 02

CONFERENCES/SEMINARS/WORKSHOPS ORGANISED/PARTICIPATED

A. Conferences/Seminars/Workshops Organised/Participated :
Counsellor Workshops (Delhi, Kochi, Shillong, Chennai)

RESEARCH PROJECTS

Sponsoring Agency	Period	Grant	Project Title	P. I./Co-Investigator(s)
IUAC, NEW DELHI	2014-2017		Low ion irradiation induced change in magnetic anisotropy of Co/ Al ₂ O ₃ and FeCoPt thin films.	PI – Prof. Shubha Gokhale

HONOURS/AWARDS/DISTINCTIONS

Bank of India Sponsored Gold Medal for the Best Research Paper, IGNOU: 2007