

Curriculum Vitae of
Dr. Praveen Aghamkar

**Professor, Department of Physics,
Chaudhary Devi Lal University, Sirsa-125055 (Haryana)
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Area of Specialization: NONLINEAR OPTICS & MATERIALS SCIENCE

M. Sc. in Physics (Pt. Ravi Shankar Shukla University, Raipur in 1986)

Ph. D. in Physics (Barkatulla University, Bhopal in 1992)

Post Doctoral work under TRIL program of ICTP, Italy in 2001

Educational Visits Abroad:

Country Visited	Purpose of Visit	Period
Belarus	To participate in Tutorial & Int. Conf.	24.06.01- 02.7.01
Italy	Post Doctoral Work	24.11.01- 24.7.02
Italy	To participate in Int. School	25.11.01- 29.11.02

Administrative Contributions:

- **Controller of Examinations**, Chaudhary Devi Lal University, Sirsa
Since Feb 2009 to till date
- **Convener:** Central purchase committee
- Member of following committees, **CDLU Sirsa**
 1. Court
 2. Executive Council
 3. Acedmic Council
 4. PGBOS & R
 5. Online Admission
 6. Ph. D. Ordinance
- Member of UGBOS, Applied Physics GJU S & T, Hisar
- Chairman, Department of Physics, **Chaudhary Devi Lal University, Sirsa**
(Nov 2007 to Nov 2013)

Academic Contributions:

- The applicant enjoys teaching & research due to their wonderful nature! Teaching & research on one hand create intellect and creative manpower for our society, on the other hand it helps in creating social life more peaceful, enjoyable, disciplined, confident, and successful.
- Conducted seminars for UG & PG students to raise their confidence level not only in subject but also in personal life.
- Contributed for borrowing funds from DST-FIST Scheme and DRDO for Advancement of M.Sc Lab, Nonlinear Optics Lab and Photonics. Also borrowed funds from UGC & CSIR., New Delhi for Research work.
- Developed Laser Lab for PG and Research Students (GJU S&T, Hisar).
- Developed Materials Science Lab (Nanomaterials) for PG and Research Students (GJU S&T, Hisar).
- Actively contributed time to time in Designing of syllabus, setting up experiments and creating infrastructure for Laser Technology & Applied Physics Courses(GJUS&T, Hisar).

- Courses taught: Fundamentals of Lasers, Nanomaterials, Nonlinear Optics., Applications of Lasers Integrated Optics, Fiber Optics. Mathematical Physics, Classical Mechanics.
- Acted as member of PGBOS, Applied Physics, and Faculty of Science and Technology Interface GJUS&T, Hisar
- Developed Materials Science Lab for PG and Research Students (**CDLU Sirsa**).

Referee of following Journals:

1. Physica Status Solidi (b) (Wiley Publication)
2. Journal Physics Condensed Matter (IOP Publication)
3. Optics Communication Science Direct
4. Optics and Laser Technology (Science Direct)

Research Supervision: Ph. D.

Awarded: 09
Submitted: 02
In Progress: 03

Research Supervision: M. Phil.

Awarded: 09

Sponsored Research Projects:

Sr. No	Title of the project	Funding Agency	Amount (Rs. In Lakhs)	Duration & Status	Investigator
1.	Optical Phase Conjugation in III- V semiconductors (Under young scientist Scheme)	DST, New Delhi,	3.0	3 years Completed	Principal Investigator
2.	Photorefractive Optical Phase	UGC, New Delhi,	0.9	3 years Completed	Principal Investigator
3.	Photoreceptive wave mixing in semiconductors	CSIR, New Delhi	6.45	3 years Completed	Principal Investigator
4.	Design, Development and Characterization of Optical Materials for Modern Devices	DRDO, New Delhi	590	Completed	Co-Investigator

No. of Publications:

Books/Chapters: 04
Papers Published in Journals: 54
Paper in International Proceedings 25
Paper in National Proceedings 31

I assure to the competent authority of University/Institute that I can play instrumental role not only in academics but also in administration, if opportunity is offered to me.



Dated: 11.06.2015

(Praveen Aghamkar)