



## CURRICULUM VITAE

<b>Name:</b>	<b>Dr. Ajai Kumar Gupta</b>	
<b>Designation:</b>	<b>Professor</b>	
<b>School:</b>	<b>School of Physical Sciences</b>	
<b>Department:</b>	<b>Department of Physics</b>	
<b>Specialisation &amp; Research Interests:</b>	<p>Experimental Condensed Matter Physics/ Material Science</p> <p>Research interest</p> <ul style="list-style-type: none"> <li>➤ Synthesis and characterization of oxides, nano particles, nanorods</li> <li>➤ Study of electrical transport properties of oxides</li> <li>➤ Study of the optical, magnetic and electronic properties of nano materials and correlation among these properties</li> <li>➤ Study of biomedical and photo-catalytic applications of oxide nanomaterials</li> </ul>	
<b>Email IDs (Official &amp; Personal)</b>	<p><a href="mailto:akgupta@mgcub.ac.in">akgupta@mgcub.ac.in</a></p> <p><a href="mailto:g.ajai71@gmail.com">g.ajai71@gmail.com</a></p>	
<b>Mobile No.:</b>	+91-7587362201	
<b>Address:</b>	MGCU Bihar, Motihari, East Champaran-845401	

## 2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University / Board
Ph.D.	2007	DELHI UNIVERSITY, NEW DELHI
M.Sc.	1995	BANARAS HINDU UNIVERSITY, VARANASI
B.Sc.	1992	PURVANCHAL UNIVERSITY, JAUNPUR

Degree	Year	University / Board
Intermediate	1988	U P BOARD, ALLAHABAD
High School	1986	BSEB, PATNA

### 3. PROFESSIONAL EXPERIENCE:

Organisation/Institute/University	Position Held	Duration
INDIAN INSTITUTE OF TECHNOLOGY DELHI, NEW DELHI	RESEARCH ASSOCIATE	2007-2008 (Approx 10 months)
AMITY UNIVERSITY, NOIDA (U.P.)	LECTURER	2008 – 2011 (approx 2 Years and 8 Months)
GURUGHASIDAS VISHWAVIDYALAYA, BILASPUR	ASSISTANT PROFESSOR	2011-2019 (Approx 8 Years and 1 month)

### 4. COURSES TAUGHT:

#### U.G.

Mechanics and Properties of Matter, Kinematics and Oscillations, Waves and optics, Optics, Mathematical Physics, Solid State Physics I, Solid State Physics II

#### P.G.

Mathematical Physics

### 5. RESEARCH SUPERVISION:

#### A. Ph.D.:

i. Awarded : One

#### B. Non-Degree Oriented (Master's Level Dissertation):

i. Awarded : 24

ii. Submitted : -

iii. Ongoing : -

### 6. MEMBERSHIP OF SOCIETIES / PROFESSIONAL BODIES:

- Life Member of Indian science Congress Association (ISCA)
- Life member of Indian society for particle accelerators (ISPA)
- Elected as Member of Sectional Committee of the section of Materials Science for 2005-2006 (93rd Session of Indian science Congress Association)

**7. PUBLICATIONS:****A. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:**

17

**8. INVITED TALKS:**

01. Measurement of Temperature Dependence of dc Resistivity
02. Strain and Particle Size determination from Powder X-Ray Diffraction data

**9. RESEARCH PROJECTS (COMPLETED / ONGOING):**

01

**10. PARTICIPATION& PRESENTATIONS IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:**

International -06

National -04

**11. ANY OTHER SIGNIFICANT INFORMATION:**

- Member of Board of Studies Physics
- Committee for helping students in VRET
- Coordinator for conducting National Graduate Physics Examination

**(Dr. Ajai Kumar Gupta)**