

## Curriculum Vitae

1. **Name** : Prof. GARIMA JAIN  
2. **Designation** : Principal  
D.A.V. (PG) College,  
Muzaffarnagar



3. **Position held at university level** : Dean,  
Faculty of Science M.S. University, Saharanpur  
: Convenor,  
Board of Studies-Physics, M.S. University, Saharanpur  
: Member of Academic Council, M.S.U., Saharanpur  
: Member of B.O.S-CCSU, Meerut 2020-22, MSU up  
to March 2022

4. **Mailing Address (Off.)** : D.A.V. College, Arya Samaj Road, Muzaffarnagar (U.P.)  
**(Resi.)** : B-16, Mahavir Residency, Jansath Road, Muzaffarnagar  
– 251001 (U.P.)

**E-mail** : [davicollege066@gmail.com](mailto:davicollege066@gmail.com), [info.davmzn@gmail.com](mailto:info.davmzn@gmail.com)

5. **Contact Number – Telephone (O)** : 0131-2622667  
**Mobile** : 07055108050

6. **Educational Credentials**

<b>Examination Passed</b>	<b>Year</b>	<b>Division</b>	<b>Name of Board/ University</b>	<b>Remark</b>
High School	1979	1 <sup>st</sup>	U.P.Board, Allahabad	D-English
Intermediate	1981	1 <sup>st</sup>	-do-	
B.Sc.	1983	1 <sup>st</sup>	Meerut Univ., Meerut	
M.Sc.	1985	1 <sup>st</sup>	-do-	2 <sup>nd</sup> Rank in University
M.Phil.	1986	1 <sup>st</sup>	-do-	1 <sup>st</sup> Rank in University
Ph.D.	1991		-do-	JRF and SRF in DST Project

7. **Field of Specialization** : Electronics and Material Science

8. **Academic Honours/Awards**

- (i) Meerut University Merit Scholarship during M.Phil. in the session 1985-86  
(ii) Meerut University Certificate of Merit for securing 1<sup>st</sup> position in M.Phil. in 1986

9. **Academic Experience**
- (a) **Teaching Experience** - 35 years (B.Sc. and M.Sc. Physics)
- (b) **Research Experience** - 37 years (as JRF/SRF, Teaching faculty and Supervisor)  
(Developed Material Science Research Lab in department with facility of Thin Film Coating Unit and electrical characterization)
- (c) **Research Guidance**
- (i) No. of candidates awarded Ph.D. - 05
- (ii) No. of candidate awarded M.Phil. - 03
- (iii) No. of M.Sc. projects supervised - 30
- (d) **Research Publication**  
(In International Journals & conference proceedings) - 32
- (e) **Research Project** - One (UGC sponsored Minor Project); 12.3.2004 – 11.3.2006  
“Study of Tin Selenide Sintered Films”
- (f) **Invited Talks/Resource person** - 14
- (g) **Paper reviewed** - 08  
(For International Journals & International Conference Proceedings)
- Member of Editorial Board of International Conference on Frontiers of Science & Technology (ICFST-17, ICFST-21).
- (h) **Participation in seminars and conferences** - 20  
(National and International)
- (i) **Refresher / Teaching methodology programme attended-** 04  
(More than 2 weeks)
- (j) **Academic programme attended (1 or 2 days)** - 06
- (k) **Books Co-authored (for UG classes)** - 46
- (l) **Subject expert/Member**

- Academic Council, M.S.U., Saharanpur
- B.O.S-CCSU, Meerut 2021-22, MSU up to March 2022
- Panel for Ph.D. thesis & synopsis evaluation
- RDC of Aided / Private Universities
- University panels for affiliation.
- Reputed 10+2 schools, colleges and university departments.

10. **Administrative and co-curricular contribution:**

- (i) Coordinator, NAAC Steering Committee of the college, January 2017 (2<sup>nd</sup> cycle)
- (ii) Coordinator, Faculty Development program in collaboration with EICT Academy, IITR, 8-16 September 2023.
- (iii) As Deputy Controller (2020), Assistant Controller (2007) at University Evaluation
- (iv) As Addl Superintendent and Asstt. Superintendent in University Exam.
- (v) As Organising Secretary of National Seminar on “Condensed Matter Physics” and “Science & Technology: In context of Human Welfare” in 2013 and 2016 .
- (vi) Member, Internal Quality Assurance Cell (IQAC), 2007-2018.
- (vii) Represented Department for DST-FIST proposal at SNBNCBS, Kolkata, 2008
- (viii) As Co-ordinator of Career Guidance and Placement Cell.
- (ix) Managing Editor / Dy. Editor / Member of College Magazine Editorial Board
- (x) Coordinator / Member of various committees e.g., Research Committee, Cultural Committee, Women’s Cell, Proctorial Board, Sports Council, Admission Committee, etc.

11. **Extension Activities**

- (i) As N.S.S. programme officer – w.e.f. Sept. 2011 to Nov. 2012
- (ii) Has been actively engaged in various Social Awakening programmes
- (iii) Associated with National Children Science Congress, as resource person/Judge.
- (iv) Has been volunteering for SPIC MACAY.

## LIST OF BOOKS CO-AUTHORED

## B.Sc. Physics Unified Course and NEP-2020

S.N.	Title of the Book	Authors	ISBN NO.	Publication	Year
1	Demonstrative Aspects of electricity and Magnetism	R.K.Agarwal, Garima Jain	978-93-91576-48-6	Divya Lakshmi Publishers & Distributors	2023
2	न्यूटोनियन यांत्रिकी	R.K.Agarwal, Garima Jain, Rekha Sharma	978-93-91152-04-8	Krishna Prakashan, Meerut	2022
3	Thermal Physics and Semiconductor Devices	R.K.Agarwal, Garima Jain	978-93-91576-42-4	Divya Lakshmi Publishers & Distributors	2022
4	ऊष्मीय भौतिकी व अर्द्धचालक युक्तियां	R.K.Agarwal, Garima Jain	978-93-91576-51-6	Divya Lakshmi Publishers & Distributors	2022
5	Electromagnetic Theory	R.K.Agarwal, Garima Jain	978-93-91576-47-9	Divya Lakshmi Publishers & Distributors	2022
6	Physical Optics and Lasers	R.K.Agarwal, Garima Jain	978-93-91576-47-9	Divya Lakshmi Publishers & Distributors	2022
7	टोसावस्था इलेक्ट्रॉनिकी	R.K.Agarwal, Garima Jain	978-93-91576-3-63	Divya Lakshmi Publishers & Distributors	2022
8	आपेक्षिकता एवं सांख्यिकीय भौतिकी	R.K.Agarwal, Garima Jain	978-93-91576-30-1	Divya Lakshmi Publishers & Distributors	2022
9	टोस अवस्था एवं नाभिकीय भौतिकी	R.K.Agarwal, Garima Jain	978-93-91576-35-6	Divya Lakshmi Publishers & Distributors	2022
10	Practical Physics (Mechanical Properties of Matter	R.K.Agarwal, Garima Jain	978-93-91576-46-2	Divya Lakshmi Publishers & Distributors	2021
11	Solid State Electronics	R.K.Agarwal, Garima Jain	978-93-91576-29-5	Divya Lakshmi Publishers & Distributors	2021
12	Relativity and Statistical Physics	R.K.Agarwal, Garima Jain	978-93-91576-30-1	Divya Lakshmi Publishers & Distributors	2021
13	Solid State and Nuclear Physics	R.K.Agarwal, Garima Jain	978-93-91576-28-8	Divya Lakshmi Publishers & Distributors	2021
14	B.Sc. Physics Practical- I (1st Year)	Agarwal, Jain & Sharma	978-81-8283-202-5	Krishna Prakashan, Meerut	2017
15	Objective Physics	R.K.Agarwal, Garima Jain	978-93-84538-72-9	Jai Prakash Nath & Co, Meerut	2015
16	वस्तुनिष्ठ भौतिक विज्ञान	R.K.Agarwal, Garima Jain	978-93-84538-04-0	Jai Prakash Nath & Co, Meerut	2015
17	यांत्रिकी एवं तरंग गति	Agarwal, Jain & Sharma	978-81-8283-326-5	Krishna Prakashan, Meerut	2013
18	परिपथ के मूल सिद्धांत एवं बेसिक इलेक्ट्रॉनिक्स	Agarwal, Jain & Sharma	978-81-8283-328-9	Krishna Prakashan, Meerut	2013
19	Physical Optics and Lasers	Agarwal, Jain & Sharma	978-81-8283-320-3	Krishna Prakashan, Meerut	2013
20	Elements of Quantum Mechanics, Atomic & Molecular Spectra	Agarwal, Jain & Sharma	978-81-8283-322-7	Krishna Prakashan, Meerut	2013
21	भौतिकीय प्रकाशिकी एवं लेजर	Agarwal, Jain & Sharma	978-81-8283-323-4	Krishna Prakashan, Meerut	2013
22	क्वाण्टम यांत्रिकी के अवयव एवं परमाणवीय व आणविक सिद्धांत	Agarwal, Jain & Sharma	978-81-8283-325-8	Krishna Prakashan, Meerut	2013
23	Mechanics and Wave Motion	Agarwal, Jain & Sharma	978-81-8283-160-5	Krishna Prakashan, Meerut	2012
24	Kinetic Theory and Thermodynamics	Agarwal, Jain & Sharma	978-81-8283-178-0	Krishna Prakashan, Meerut	2012
25	Circuit Fundamentals and Basic Electronics	Agarwal, Jain & Sharma	978-81-8283-179-7	Krishna Prakashan, Meerut	2012
26	अणुगति सिद्धांत एवं उष्मा गतिकी	Agarwal, Jain & Sharma	978-81-8283-271-8	Krishna Prakashan, Meerut	2012
27	प्रकाशिकी	Agarwal, Jain & Sharma	978-81-8283-043-5	Krishna Prakashan, Meerut	2011
28	अणुगति सिद्धांत एवं उष्मा गतिकी	Agarwal, Jain & Sharma	978-81-8283-042-7	Krishna Prakashan, Meerut	2011
29	क्वाण्टम यांत्रिकी सांख्यिकीय यांत्रिकी	Agarwal, Jain & Sharma	978-81-8283-044-3	Krishna Prakashan, Meerut	2011
30	परमाणवीय, आणविक एवं लेजर भौतिकी	Agarwal, Jain & Sharma	978-81-8283-197-1	Krishna Prakashan, Meerut	2010
31	टोस अवस्था एवं नाभिकीय भौतिकी	Agarwal, Jain & Sharma	978-81-8283-198-8	Krishna Prakashan, Meerut	2010
32	टोसावस्था युक्तियां एवं इलेक्ट्रॉनिक्स	Agarwal, Jain & Sharma	978-81-8283-199-5	Krishna Prakashan, Meerut	2010
33	गणितीय विधियां, दोलन तथा तरंगें	Agarwal, Jain & Sharma	978-81-8283-193-3	Krishna Prakashan, Meerut	2010
34	Kinetic Theory & Thermodynamics	Agarwal, Jain & Sharma	978-81-8283-037-0	Krishna Prakashan, Meerut	2010
35	Quantum Mechanics & Statistical Mechanics	Agarwal, Jain & Sharma	978-81-8283-041-9	Krishna Prakashan, Meerut	2010
36	यांत्रिकी एवं आपेक्षिकता	Agarwal, Jain & Sharma	978-81-8283-191-9	Krishna Prakashan, Meerut	2009
37	वैद्युतिकी, चुम्बकत्व एवं वैद्युतचुम्बकत्व सिद्धांत	Agarwal, Jain & Sharma	978-81-8283-192-6	Krishna Prakashan, Meerut	2009
38	B.Sc. Physics Practical- II (2nd Year)	Agarwal, Jain & Sharma	978-81-8283-200-8	Krishna Prakashan, Meerut	2008
39	Mechanics and Relativity	Agarwal, Jain & Sharma	978-81-8283-188-9	Krishna Prakashan, Meerut	2008
40	Electricity, Magnetism and Electro-magnetic theory	Agarwal, Jain & Sharma	978-81-8283-189-6	Krishna Prakashan, Meerut	2008
41	Mathematical Methods and Oscillations, Waves	Agarwal, Jain & Sharma	978-81-8283-190-2	Krishna Prakashan, Meerut	2008
42	B.Sc. Physics Practical- III (3rd Year)	Agarwal, Jain & Sharma	978-81-8283-201-5	Krishna Prakashan, Meerut	2008
43	Atomic, Molecular & Laser Physics	Agarwal, Jain & Sharma	978-81-8283-194-0	Krishna Prakashan, Meerut	2007
44	Solid State & Nuclear Physics	Agarwal, Jain & Sharma	978-81-8283-195-1	Krishna Prakashan, Meerut	2007
45	Solid State Devices & Electronics	Agarwal, Jain & Sharma	978-81-8283-196-4	Krishna Prakashan, Meerut	2007
46	Optics	Agarwal, Jain & Sharma	978-81-8283-040-0	Krishna Prakashan, Meerut	2006