


## Curriculum Vitae

<b>Full Name</b>	Dr. Arun Singh Rawat		
<b>Designation</b>	Professor		
<b>Department</b>	Physics		
<b>Campus</b>	Pauri		
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<b>Education Qualification</b>	M.Sc., NET, Ph.D.		
<b>Teaching Experience</b>	33 Years		
<b>Areas of Interest/ Specialization</b>			
High Energy Physics, Quantum Field Theory, Quantum Mechanics, Mathematical Physics, Supersymmetry, Nanoscience and Nanotechnology.			
<b>Administrative Experience (2017 Onwards)</b>			
Assistant Dean Students' Welfare, Deputy Dean Students' Welfare, Chairman Grievance Redressal Cell in Student Union Election, Deputy-Co-ordinator SC/ST/OBC(non-creamy layer)and Minority Coaching Cell, Controller of Examination, Member of Academic Council, Invited member of Executive Council and Admission Committee.			
<b>Conference/Symposium/Workshop:</b>			
<b>Total</b>			
<b>A- International: Chair - 02 ; Talk – 02; Participation - 15)</b>			
<b>B- National: Chair-04; Co-ordinator–02; Talk–09; Participation - 45)</b>			
<b>C. Regional: Participation - 03</b>			
<b>Conference/Symposium/Workshop Attended ( 2017 - 2023).</b>			
<b>A- International: Chair - 02 ; Talk – 02</b>			
<b>B- National: Chair-03; Talk–06</b>			
<b>Participation in Conferences, Seminars, Symposiums, Workshops etc: (2017-2023)</b>			
<b>A. International: 05</b>			
<b>B. National: 08</b>			
<b>Research Publications (2017-2023):</b>			
1. <b>A. S. Rawat</b> ; International Journal of Pure and Applied Physics, Vol. 13, Number 1 (2017), pp. 1-8.			
2. Rajesh Bhardwaj, <b>A. S. Rawat</b> and Shobha Sukla; Global Journal of Research Analysis Volume-6, Issue-2, February 2017, pp 689-690.			
3. Seema Rawat and <b>A. S. Rawat</b> ; Eur. Phys. J. Plus(2022) 137: 660.			
4. Seema Rawat and <b>A. S. Rawat</b> ; Beni-Suef Univ J Basic Appl Sci (2022)11:61.			
5. Mool Chand, Swapnil Barthwal, <b>Arun Singh Rawat</b> , Manika Khanuja and Seema Rawat; <i>Adv. Nat. Sci: Nanosci. Nanotechnol.</i> 14 (2023) 015014 (12pp)			

6. Mool Chand, Swapnil Barthwal, **Arun Singh Rawat**, Manika Khanuja and Seema Rawat; ACS Omega 2023, 8, 17880–17890.
7. Mool Chand, **Arun Singh Rawat**, Manika Khanuja and Seema Rawat; *Adv. Nat. Sci: Nanosci. Nanotechnol.* 14 (2023) 035006 (10pp).
8. S. Rawat, **A. S. Rawat**, S. Dabas and B. S. Koranga; *Supersymmetry Breaking in Quaternion Space*; Indian Journal of Physics, <https://doi.org/10.1007/s12648-023-02949-9>.
9. M. Chand, **A. S. Rawat**, M. Khanuja, S. Rawat, M. Ranwa; IOP Conference Series: Materials Science and Engineering 1221 (2022), 012058.
10. M. Chand, **A. S. Rawat**, M. Khanuja, S. Rawat, M. Ranwa; Materials Today: Proceedings 49(2022), 2297-2300.
11. M. Chand, **A. S. Rawat**, M. Khanuja, S. Rawat, M. Ranwa; Materials Today: Proceedings 66 (2022), 1951-1954.