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महेन्द्रगढ विरविद्यालय, बरेली

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Education				
Subject	Institution	Year	Details	
Ph. D	Jamia Millia Islamia, New Delhi (Central University)	1993-94	Thesis topic: <i>Some Aspects of Multiparticle Production in High Energy Nucleus- Nucleus Interaction</i>	
M.Sc.	Do	1988	Subjects: Physics of materials	
B.Sc.	Do	1986	Subjects: Physics (Hons.)	
Professional Qualification				
Organisation / Institution	Designation	Duration	Role	
Ph. D	Jamia Millia Islamia, New Delhi	1993-94	Thesis topic: <i>Some Aspects of Multiparticle Production in High Energy Nucleus- Nucleus Interaction</i>	
M.Sc.	Do	1988	Subjects: Physics of materials	

B.Sc.	Do	1986	Subjects: Physics (Hons.)
Research Interests / Specialization			
High Energy Physics (Experimental)			
Teaching Experience (Subjects/Courses Taught)			
Name of Univ.	U.G. /P.G.	Name of Courses	Duration
1-Y.M.D.C.Gurgaon, M.D. Univ. Rohtak	U.G. (B.Sc.)	Mechanics, Electricity & Magnetism Optics, Thermodynamics	16/12/93-12/11/97
2-Deptt. of Physics Jamia Millia Islamia, New Delhi	U.G. and P.G.	Electricity & Magnetism Electromagnetic theory, Nuclear Physics	13/11/97-06/02/99
3- I.E.T. Dr. B. R. Ambedkar University .Agra	U.G. (B.Tech.)	B.Tech. Physics Courses	10/02/99-28/09/02
4- Deptt. of Applied Physics, Faculty of Engg. & Tech. M. J. P. R. Univ. Bareilly	U.G. (B.Tech.) /P.G.	B.Tech. Physics & M.Sc. Quantum Mechanics & Nuclear & Particle Physics	30/09/2002 (Continued)
<u>In Indexed/ Peer Reviewed Journals</u>			
<ol style="list-style-type: none"> 1. Study of disintegration caused by 4.5 A GeV Carbon nuclei in nuclear emulsion. <i>Nuovo Cimento Vol. 108A, 147(1995)</i> 2. Multiplicity characteristics of ^{12}C – nucleus interactions at 4.5 A GeV/c. <i>Canadian Journal of Physics Vol. 74,651 (1996)</i> 3. Production of secondary charged particles in ^{12}C – nucleus interactions at 4.5 A GeV/nucleon. <i>Journal of Physical Society of Japan, Vol.65, 1636 (1996)</i> 4. Multiplicity correlation in the forward and backward hemisphere in ^{12}C – nucleus Interactions at 4.5 A GeV/c. <i>Nuovo Cimento Vol. 109A, 1623(1996)</i> 5. Some interesting results on compound multiplicity in ^{12}C- nucleus reactions at 4.5A GeV/c. <i>Canadian Journal of Physics Vol. 75,549(1997)</i> 6. Features of relativistic charged particles produced in catastrophic destruction of heavy emulsion nuclei at 4.5A GeV/c. <i>Canadian Journal of Physics Vol. 76(7), 559. (1998)</i> 7. Study of angular characteristics of totally disintegrated events of AgBr nuclei at 4.5A GeV/c. <i>Nuovo Cimento Vol. III A, 1113(1998)</i> 8. Angular characteristics of charged shower particles in 4.5A GeV ^{12}C- nucleus interactions. <i>Nuovo Cimento, Vol. II2A, N.9 (1999)</i> 			
<u>Conference Presentations</u>			
<ol style="list-style-type: none"> 9. Dependence of the characteristics of clusters on the target size in particle emulsion interactions. <i>DAE Symposium on Nuclear Physics, BARC Bombay (1991)</i> 10. Multiparticle production in ^{12}C-nucleus interactions: <i>DAE Symposium on Nuclear Physics, TIFR, Bombay (1992)</i> 11. Study of size dependence of pseudorapidity in 4.5A GeV/c, ^{12}C-nucleus interactions: 			

- DAE Symposium on Nuclear Physics, BARC Bombay (1992)***
12. Study of inelastic ^{12}C -nucleus interactions c/c, ^{12}C -nucleus interactions:
DAE Symposium on Nuclear Physics, BARC Bombay (1992)
13. Multiparticle production in hadronic interactions at high energies:
80th session of Indian Science Congress Association, NIO, Goa (1993)
14. Multiparticle production in 4.5A GeV ^{12}C -nucleus interactions:
International Conference on Physics and Astrophysics of Quark Gluon Plasma, VECC, Calcutta (1993)
15. Some aspects of catastrophic destruction of heavy emulsion nuclei in heavy ion interactions:
DAE Symposium on Nuclear Physics, Calcutta (1993)
16. Multiplicities in interactions of Carbon nuclei in emulsion at 4.5A GeV/c:
DAE Symposium on Nuclear Physics, Calicut (1993)
17. Study of compound multiplicity in 4.5A GeV/c, ^{12}C -nucleus interactions:
DAE Symposium on Nuclear Physics, Calicut (1993)
18. A study of 4.5A GeV/c, ^{12}C -nucleus interactions:
71st session of India Science Congress Association, Jaipur (1994)
19. Forward and Backward multiplicity correlations in 4.5A GeV/c, ^{12}C -nucleus collisions:
XI DAE High Energy Physics Symposium, Shantiniketan (1994)
20. Angular characteristics of charged shower particles in 4.5A GeV ^{12}C -nucleus interactions:
XI DAE High Energy Physics Symposium, Shantiniketan (1994)
21. Multiplicity distributions of charged shower particles in central 4.5A GeV ^{12}C -emulsion reactions at 4.5A GeV:
DAE Symposium on Nuclear Physics, Bhuvneshwer (1994)
22. Pseudorapidity distribution of charged shower particles in heavy ion interactions at 4.5A GeV.
DAE Symposium on Nuclear Physics, Bhuvneshwer (1994)
23. Cluster production in 4.5A GeV/c ^{12}C -nucleus interactions:
INPS 95 BARK, Bombay (1995)
24. Study of inelastic 4.5A GeV/c ^{12}C -nucleus interactions at 4.5A GeV/c
INPS 95 BARK, Bombay (1995)
25. Characteristics of charged particles produced in Carbon-emulsion interactions at 4.5A GeV/c:
Proc.83rd session of India Science Congress Association, Patiyala (1996)
26. Total disintegration of heavy emulsion nuclei in nuclear emulsion at 4.5A GeV/c:
Symposium on SSNTD, Kurukshetra(1996)
27. Some results on compound multiplicity in central $^{12}\text{AgBr}$ interactions at 4.5A GeV/c:
DAE Symposium on Nuclear Physics, Pantnager (1996)
28. Angular characteristics of relativistic charged particles in central $^{12}\text{AgBr}$ interactions at 4.5A GeV/c:
DAE Symposium on Nuclear Physics, Pantnager (1996)
29. Characteristics of cluster production in ^{12}C -emulsion interactions at 4.5A GeV/c:
XII DAE High Energy Physics, Guwahati (1996)

30. Some aspects of clusters produced in relativistic heavy ion interactions:
84th session of India Science Congress Association, Delhi (1997)
31. Dependence of pseudorapidity Distribution on the Multiplicity of shower particles in ^{12}C -nucleus collisions at 4.5A GeV/c:
DAE Symposium on Nuclear Physics, BARC, Mumbai (1998)
32. Some results on peripheral and Central Interactions caused by 4.5A GeV Carbon nuclei in Nuclear Emulsion:
DAE Symposium on Nuclear Physics, BARC, Mumbai (1998)
33. Compound multiplicity characteristics at 4.5A GeV/c in ^{28}Si -emulsion Interactions:
DAE Symposium on Nuclear Physics, BARC, Mumbai (1998)
34. Dependence of angular characteristics of relativistic charged particles on N_s in ^{12}C -emulsion interactions at 4.5A GeV/c:
XII DAE High Energy Physics, Chandigarh (1998)