




University Faculty Details Page on DU Web-site

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ALONGWITH YOUR PERIODIC INCREMENT CERTIFICATE(PIC))**

Title	Prof.	First Name	Daksh	Last Name	Lohiya	Photograph
Designation		Research Scientist "C" [Professor's Grade]				
Department		Physics				
Address (Campus) (Residence)		Room 68, Extension Block, Department of Physics, University of Delhi, Delhi 110 007				
		A 35, East of Kailash, New Delhi 110 065				
Phone No (Campus) (Residence) <i>optional</i>		011-27667090				
		011-26846352				
Mobile		9891330626				
Fax		None				
Email		dlohiya@gmail.com				
Web-Page		None				
Education						
Subject		Institution		Year		Details
Ph.D.		Cambridge University		1982		Thesis topic: Particle creation from charged black holes
Ph.D.		University of Delhi		1978		Thesis topic: Aspects of de Sitter Universe
MSc		University of Delhi		1974		Subjects: Particle Physics
Career Profile						
Organisation / Institution		Designation		Duration		Role
TIFR		Post doctoral Fellow		1983		Research
University of Delhi		CSIR Pool officer		1983-84		Research
University of Delhi		UGC Research Scientist		1984 to present		Research and Teaching
Research Interests / Specialization						
General Relativity, Cosmology, Field Theory, Particle Physics, all aspects of theoretical Physics. Nucleosynthesis in alternative models of Cosmology.						
Teaching Experience (Subjects/Courses Taught)						
1984 to present: taught quantum field theory, electromagnetic theory, classical mechanics, General Relativity etc. To MSc and MPhil students.						
Honors & Awards						
The Research Scientist Award in 1984 – to continue till superannuation.						
Publications (LAST FIVE YEARS)						
Books / Monographs in indexed/peer reviewed journals:						

<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>Co-Author</u>
2005	A case for nucleosynthesis in slowly evolving models	Spacetime & Substance vol 6 No.1/26 (31-38)	
2007	Light element synthesis in baryon isocurvature models	Spacetime & Substance vol 7 No. 2/32 (49-52)	
2007	A concordant "Freely Coasting" Cosmology	Spacetime & Substance vol 8 No. 1 (36-56)	
Articles:			
1. arXiv:0804.3491 : Power law cosmology - a viable alternative			
2. arXiv:0802.1124 : Nucleosynthesis in slowly evolving Cosmologies			
3. arXiv:astro-ph/0602425 : Light element synthesis in baryon isocurvature models			
4. arXiv:astro-ph/0502370 : A case for nucleosynthesis in slowly evolving models			
5. arXiv:astro-ph/0406678 : Synthesizing Deuterium in Incipient Pop II Stars			
Conference Presentations			
2009: Presented an article on "Viable Cosmology in a baryon dominated Universe": IOA and DAMTP University of Cambridge, UK.			
2006: Presented the above articles in Conference on emerging trends in theoretical physics in DAMTP, Cambridge.			
2005: Colloquia on linearly coasting cosmology in Physics Department Cardiff University.			
Public Service / University Service / Consulting Activity			
Given refresher courses in topics on relativity and cosmology over the last five years.			
Given orientation programme courses and refresher courses in UGC regional Center.			
Taken on seven students for PhD supervision.			
Visited New Hall in Edinburgh as a consultant to set up an Astronomy Group in the newly founded Institute, as an academic visitor for consultation on the future directions in cosmology.			
Advised ten Graduate Students on short term projects and internships in Research.			
Professional Societies Memberships			
Fellow: Cambridge Philosophical Society, American Physical Society, NY academy of Sciences.			
Life member: Clare Hall: Cambridge.			
Associate: Inter University Centre for Astrophysics and Astronomy: Pune			
Projects (Major Grants / Collaborations)			
UGC major project on Cosmic Microwave background: 2003-2006			

(Signature of Faculty Member)

(Signature & Stamp
of Head of the Department)