




Faculty Profile on University Website

Title	Dr.	First Name	ANIL	Last Name	KUMAR	Photograph
Designation		Faculty Member				
Department		Applied Physics				
Address	(Campus)	Department of Applied Physics, F.E.T., M.J.P ROHILKHAND UNIVERSITY, BAREILLY				
	(Residence)	Village : Burra Faridpur, Post : Sakri Jungle, Teh.: Ujhani, Distt.: Budaun (U.P.) PIN-243639				
Mobile		9410843540 , 7983440832				
Email		Personal	anilyadav1981@gmail.com			
		University Domain				
Professional Networking ID, ie. LinkedIn, Twitter etc.		NA				
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
B.Sc	M.J.P. Rohilkhand University Bareilly	1999	Physics , Chemistry, Maths			
M.Sc	Ch. Charan Singh University, Meerut (U.P.)	2001	Physics			
Ph.D	M.J.P. Rohilkhand University Bareilly	2006	Physics, The Study of Spherical Shock Wave in Azimuthal Magnetic Field			
Career Profile						
Organization / Institution		Designation	Duration	Nature of Duties		
Bareilly College, Bareilly		Lecturer	2003-23	Teaching		
Bareilly College, Bareilly		Member of Proctorial Board	2014-19	Administrative Work		
Mukhyamantri Abhyudaya Classes		Guest Lecturer	2021-23	Teaching		
Research Interests / Specialization-						
Shock Wave						
Research Experience in Years-						
No of Research Scholars Successfully Guided-						
Name of Programme	Awarded	Under Supervision				
Ph.D	----	----				
M.Phill.	----	----				
Dissertation (M.Ed./M.A.)	----					
Researcher/Expert ID	Scopus	Orchid	Pu blons	Vidwan	Google Scholar	
Teaching Experience (Subjects/Courses Taught) – 21 Years						
<ul style="list-style-type: none"> • B.Sc.(Old Education System) & NEP 2020 						

- Newton's Mechanics, Classical, Quantum, and Statistical Mechanics Thermo-dynamics, Optics, & LEASER, Basic Electronics, Solid State Electronics & Digital Electronics, Atomic and Molecular Spectra, Electromagnetism, Solid State and Nuclear Physics,

Honors & Awards & Fellowship FOR OUTSTANDING WORK			
Name of Award/Fellowship	Awarded By		
	Name of Governmental Agency	Name of Government Supported Organization/Department	Name of International Recognized Body

Publications /Academic Activities (Numbers Only)							a
Books (Co-authored)	Research Papers Published in Other Journals	Seminar/Conferences Attended	5	Workshops Organized		Research Projects (Ongoing)	
Books (Edited)	Articles Published	Sessions Chaired		Members		Foreign	
Chapters in Edited Books	in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	in Seminars/Conferences		hip of Academic/Professional Bodies		Countries Visited for Academic Assignments	

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books / Monographs

Name of Book	Year of Publication	Publisher	ISBN No
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(b) Edited Books

Year of publication	Title	Publisher	ISBN	DOI No.	Citations
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(c) Papers Published in UGC Care Listed/Indexd/ Peer Reviewed Journals

Year of Publication	Title	Name of Journal			
2022					
(d) Chapter/Paper Published in Edited Books					

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/web of science
National	International							
National		50 th Congress of ISTAM , IIT, Khragpur	Freely Propagation of Diverging Spherical Shock Wave in a dusty Gas	ISTAM , IIT, Khragpur	14-17 Dec-2005		-	-
National		Ultra Science Vol.-18 pp.-83-92	Overtaking Disturbances and rotating Spherical Shock wave in Uniform medium	Ultra Science Vol.-18 (1)	2006			
National		International Journal of Scientific Research in Science and Technology (IJSRST), Volume 2, Issue 3 May- June 2016	The Study of Propagation Weak Spherical Shock Wave Through a Rotating Gas Having Change Angular Velocity	International Journal of Scientific Research in Science and Technology (IJSRST)	May- June 2016	2395-1990		https://ijsrst.com/IJSRST2074159
National		International Journal of Scientific Research in Science and Technology (IJSRST), Volume 2, Issue 5, September-October 2016.	The Study of Strong Spherical Shock Wave Through A Rotating Gas Having Distance Dependent Angular Velocity	International Journal of Scientific Research in Science and Technology (IJSRST)	September -October 2016.	2394-4099		https://ijsrst.com/IJSRST17381292
National		International Journal of Scientific Research in Science Engineering and Technology (IJSRSET), Volume 3, Issue 3, 2017.	Spherical Shock Propagating in Non- Uniform atmosphere having constant angular Velocity	International Journal of Scientific Research in Science Engineering and Technology (IJSRSET)	May- June 2017	2395-1990		https://ijsrset.com/IJSRSET2310268
National		International Journal of Scientific Research in Science Engineering and Technology (IJSRSET), Volume 3, Issue 8, Nov.-Dec. 2017.	Freely Propagation of converging cylindrical shock wave in a Dusty	International Journal of Scientific Research in Science and Technology (IJSRST)	Nov= Dec 2017	2394-4099		https://ijsrset.com/IJSRSET12293143

National		International Journal of Scientific Research in Science and Technology (IJSRST), Volume 4, Issue 5, March-April 2018. Pp.-2030-2032	Weak Spherical Diverging Shock through Exponentially Increasing Density Medium	International Journal of Scientific Research in Science and Technology (IJSRST)	March-April 2018	2395-6011		https://ijsrst.com/IJSRST52310234
National		International Journal of Scientific Research in Science and Technology (IJSRST), Volume 4, Issue 10, September-October 2018. Pp.-607-616	Strong Spherical Shock in Azimuthal Magnetic Field Self-Gravitating Gas	International Journal of Scientific Research in Science and Technology (IJSRST)	Sept-Oct.-2018	2395-6011		https://ijsrst.com/IJSRST52310234

(e) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution
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(f) Seminars/Conferences/Workshops Organized -

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To

(i) Seminar/Conference Presentations

- Participated in a Seminar organized by Indian Society of Mathematics and Mathematical Science, Gorakhpur on Topic "Recent Trends in Mathematics and its Applications in Feb 28th to March 1st 2003
- Participated in 7th Conference of the International Academy of Physical Sciences (CONIAPS-VII, 2004) in Dec. 21th to 23rd, 2004
- Participated in National Conference organized By Bareilly College, Bareilly on Topic "Synthesis and Characterization of Smart Material" (SCSM-2009) from Sept.12th to 2009
- Participated in National Seminar on "Application of G.I.S. for Resource Mapping and Planning" Sponsored by U.G.C., New Delhi organized By Bareilly College, Bareilly from November 27th to 28th 2010.
- Participated in National Seminar on "Ion beam based research in India and acquaintance programme on ion beam facilities" at IUAC, New Delhi organized By Bareilly College, Bareilly on March 23th 2012.
- Participated in National Seminar on " Atomic Energy in the Service of the Nation (AESN-2015) organized By Bareilly College, Bareilly in Association with Bhabha Atomic Research Centre, Mumbai on March 1st, 2015.

(j) Memberships of Academic/Professional Bodies

(k) Participation in Community Service/Exchange Programme/ Consulting Activity
<ul style="list-style-type: none">• Participated in the National Conference on “The Role of Functional Language in the Quality Improvement of Higher Education” on Dated 28-29- January 2012 Organised by Government P.G. College, Bisalpur, Pilibhit (U.P.) (NAAC-B Grade)• Participated in International Conference on “Digital India Empowering The Society” on dated 27th January 2018 organised by Department of Chemistry, Bareilly College Bareilly (NAAC-A Grade) in Collaboration with FATAR Academy of India (FAI) at Bareilly College, Bareilly (U.P.)• Participated in National Level Inter-colleges’ Meet Rover & Rangers in year 2020 from 08 to 10 Feb-2020 Organised By Bareilly College Bareilly Affiliated with M.J.P. Rohilkhand University, Bareilly at Bareilly College Campus, Bareilly.