

FACULTY DETAILS PAGE ON WEB-SITE

Name	Dr. Vijay Kumar	Photograph
Designation	Assistant Professor (Under Self Finance Scheme)	
Department	Physics Department	
Address (Campus)	D.N. College, Near Ghanta Ghar, Meerut – 250002	
Address (Residential)	184- Multan Nagar, Baghpat Road, Meerut	
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Education

Subject	Institution	Year	Details
Ph.D.	C.C.S. University, Meerut	2006	<i>Thermal Effect on Vibrations of Isotropic Elastic Plates</i>
P.G. (M.Sc. Physics)	N.A.S. College, Meerut, (C.C.S. University, Meerut)	2003	First Division
U.G. (B.Sc.)	D.N. College, Meerut (C.C.S. University, Meerut)	2001	Second Division

Career Profile

Organization/Institution	Designation	Duration	Role
D. N. College, Meerut	Assistant Professor	2006 to Till date	<i>A Mentor, a Guide and a navigator to the students</i>

Research Interests / Specialization

In Primary researches with original studies – Sound and Vibrations on Elastic Plates

Teaching Experience (Subject / Courses Taught)

B.Sc.: 8+ Years (Waves, Oscillations and Mathematical Methods, Mechanics and Relativity, Optics, Circuit Fundamentals and Basic Electronics, Heat and Thermodynamics, Relativity and Statistical Physics, Solid State Electronics).

M.Sc.: 8+ Years (Classical Mechanics, Statistical Mechanics, Condensed Matter Physics, Physics of Nano Material Physics)

Publications (since 2007)

In Indexed / Peer Reviewed Journals/Edited Books/ Proceedings

- Infrared , Laser Raman Spectral Studies and Thermodynamic properties of 2-amino-4,6-dimethoxy Pyrimidine Molecule**, "International Transactions in Applied Sciences", Vol. 1 No.4, *December 2009* ISSN 0974-7273, Pp. 609-620.
- Influence of Transverse Shear and Rotatory Inertia on Thermal Vibrations of Infinite Plate of Parabolically varying Thickness**, "International Transactions in Applied Sciences", Vol.2 No.3, *Jul-Sep 2010* ISSN 0974-7273, Pp. 422-443.
- Molecular Polarizability of 2-hydroxy-4-methyl Pyrimidine hydrochloride**, "International Transactions in Applied Sciences", Vol. 3 No.3, *Jul-Sep 2011* ISSN 0974-7273, Pp. 537-542.
- Molecular Polarizability and Thermodynamic Parameters of 6-bromr-2-Methylquinoline**, "International Transactions in Applied Sciences", Vol. 4 No.1, *Jan-Mar 2012*, ISSN 0974-7273, Pp. 61-72.
- Influence of Transeverse shear and Rotatory Inertia on Thermal Vibrations of an Isotropic Circular Plate of Linearly varying thickness**, "International Transactions in Applied Sciences", Vol. 5 No.2, *Apl-Jun 2013* ISSN 0974-7273, Pp. 333-344.

RESEARCH PAPERS ATTENDED / PRESENTED

(A) INTERNATIONAL:

- Attended, International Conference: Recent Trends in Interdisciplinary Sciences: Opportunities and Challenges, Faculty of Science, M.M.College, Modinagar (U.P.). Feb 28-March 01, 2014.
- Participated in International Webinar on "**Human Resource Develoment in Higher Education after Covid-19**" Organized By Bhakta Kavi Narsinh Mehta University, Junagargh, 7th june 2020.
- Attended International Webinar on "**Futuristic Approach towards the Mental and Physical Health of Students During Covid-19**" Organized By Government degree college Kuchlai, Sitapur, 10th June 2020.
- Participated in International Webinar on "**Nanomaterials And Robotics**" Organized By Department of Physics & Electronics, Raja Lakhamgouda Science Institue, Belagavi, 16th June 2020.

5. Participated in Webinar on “**Role of Applied Sciences in Current Scenario**” Organized By Raja Balwant Singh Engineering Bichpuri, Agra, 18th June 2020.
6. Participated in Webinar on “**Importance of Meditation and Yoga in Global Perspective: Connecting Body and Mind**” Shri Gulab Singh Mahavidyalaya Chakrata, Dehradun, 21st June 2020.
7. Participated in Webinar on “**Change For Good: Life During And After Lockdown (CFG)**” Organized By Digamber Jain College Baraut, Bagpat, 11th July 2020.
8. Participated in Webinar on “**Relevance of Dr. B.R. Ambedkar’s Economic thoughts in Special Reference of Indian Economy**” Organized By B.R. Social and Educational Welfare Society, Sitapur, 26th July 2020.
9. Participated in Webinar on “**Perspectives on scientific Writing & Soft Skills for Academicians & Professionals**” Organized By Department of Physics, C.C.S. University Meerut, 6th August 2020.

(B) NATIONAL:

1. **National Seminar on “Environment & Human Concern”**, D.N.College, Meerut (U.P.). February 17, 2008.
2. Poster Presentation in National Symposium on Lasers & their Applications, Physics Department, C.C.S. University, Meerut (U.P.). 12 September, 2009.
3. Attended, 2nd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N.College, Meerut (U.P.). 30-31 January, 2010.
4. **Influence of Transverse Shear and Rotatory Inertia on Thermal Vibrations of an Isotropic Circular Plate of Parabolically Varying thickness**, 3rd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N.College, Meerut (U.P.). 5-6 February, 2011.
5. **Influence of Transverse Shear and Rotatory Inertia on Thermal Vibrations of an Isotropic Circular Plate of Linearly Varying thickness**, National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N.College, Meerut (U.P.). 17-18 March, 2012.
6. Attended National Seminar on Role of Ion Beam in Materials Science and Acquaintance Programme on Ion Beam Facilities at IUAC New Delhi, Department of physics, C.C.S. University, 20 September, 2013.
7. Attended National Webinar on “**Effect of COVID-19 on the Study of Theoretical & Experimental Physics: Challenges & Prospects**” organized by The Raman Society, Department of Physics, N.A.S. College, Meerut, 2nd June 2020.
8. Participated in Workshop on “**Data Science Using Python**” Organized By department Of Computer Science, Dev Nagri College Meerut, 4th-5th June 2020.
9. Participated in Workshop on “**7 Days- faculty Development**” Organized By SNMV College Of Arts Science Institute Of Management, 8th-15th June 2020.
10. Participated in Webinar on “**Liabrary And Information Services**” Organized By C.C.S. University Meerut, 10th June 2020.
11. Participated in Webinar on “**Nayi Shiksha Neeti 2020: Samagra aur Bahuvishyak Shiksha ki aur Badhte kadam**” Organized By Shaheed Mangal Pandey Govt. College, Meerut, 27th August 2020.
12. Participated in Webinar on “**National Education Policy 2020: planning for UG and PG Programs**” Organized By R.K. P.G. College, Shamli , 30th August 2020.
13. Participated in Webinar on “**A Web talk on emerging trends in material Physics**” Organized By Ajay Kumar Garg Engineering College, Ghaziabad, 05th September 2020.