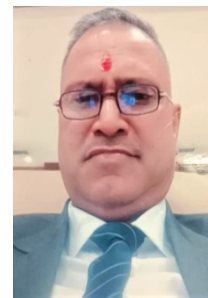


RESUME



Prof. (Dr.) RAMESH KUMAR GUPTA
Prof. & Dean Academics
NIILM University, Kaithal. Haryana
Contact: 9896433440
Email: rkgupta1701@gmail.com

EDUCATIONAL QUALIFICATIONS:

M.Sc. (Physics) – 1987, M.Phil – (Specialization Laser Physics, 1990, Ph.D. (Triaxiality gamma soft & IBM) Nuclear Physics, Health Physics, Environmental Physics); – 2000.

WORK EXPERIENCE

1 Prof. in Physics/Dean Academics

NIILM University, Kaithal. Haryana 136027

W.e.f. 03/08/23 to still continue

2. Prof. in physics

University College of Basic Sciences & Humanities
 Guru Kashi University, (A++ NAAC ACCREDITED)
 Talwandi Sabow. e.f. 07/01/2019 to 02/08/23.

3 Dy. Dean Academics w.e.f. 14/04/2020 to 14/04/2021.

Guru Kashi University, (A++) NAAC ACCREDITED
 Talwandi Sabo.

4 Dean, Guru Gobind Singh College of Engg. & Technology/University College of Basic Sciences & Humanities. Guru Kashi University, Talwandi Sabo from January 07, 2019 to December 24, 2019.

**5 Principal Vaish College, Rohtak from 21.7.11 to 15.01.2018.
 (M.D.U, Rohtak)**

**6 Extra ordinary leave from 19.01.2015 to 10.08.2015 to act as Prof/Director, School of Basis and Applied Sciences,
 Maharaja Agrasen University, Baddi, (H.P.)**

7 Associate Professor in Physics at Vaish College, Rohtak from 2.11.88 to 19.7.2011.

8 Extra ordinary leave from 3.7.2000 to 31.5.2002. to act as a Deputy Academic Registrar at Delhi Institute of Advance Studies, Sector-13, Rohini, New Delhi (Affiliated to I.P. University New Delhi).

RESEARCH SUPERVISION:

| | |
|--------|---------------|
| M.Phil | 06 |
| Ph.D | 6 (Completed) |
| | 4 (Pursuing) |

RESEARCH PAPER PUBLICATIONS:**International Journal (Scopus Indexing/ other high indexed journal)**

1. “Environmental Impact Assessment of Seabuckthron”, Published in **International Journal** of Basic and Applied Scientific Aspects ISSN No. 2395-3373 (2015).
2. “Study Various Aspects of Polonium as a Radioactive Element” Published in **International Journal** of Basic and Applied Scientific Aspects ISSN No. 2395-3373.
3. “On Physicochemical Properties of Tomato Impact of Gamma Irradiation”, Published in NIU **International Journal** of Human Rights, ISSN: 2394-0298 Vol 8(XV), 2021.
4. Age determination of living Banyan tree using Optically Stimulated Luminescence: A study in Chandigarh region (India), International Journal of Mechanical Engineering, ISSN: 0974-5823, Vol. 6 No. 3 December 2021.
5. To Study to (Tellurium) nucleon with the help of cubic term termed by the Casimir invariant operator b & IBM-1; ISSN – 23194979 (2020-21) Vidyabarati international interdisciplinary Research Journal.
6. Triaxiality and cubic terms from Casimir invariants, Ramesh Kumar, Sadiye Cakmak KMV Journal of Engg. & Natural Sciences, Turkey ISSN 26875071 Vol no 2 (1) 4047(2020)
7. “ON PHYSICO-CHEMICAL PROPERTIES OF TOMATO IMPACT OF GAMMA IRRADIATION” ISSN: 2394 – 0298 Volume 8(XV), 2021
<https://niu.edu.in/sla/NIU-International-Journal-of-Human-Rights-2019.pdf>
8. The B(E2) transition Probabilities for 114-118Cd Isotopes with the help of Cubic terms Casimir Invariant Operators and IBM-1, International Journal of Mechanical Engineering, Vol. 8, No. 1(January, 2022), ISSN: 0974-5823.
9. To Study 122-130Te (Tellurium) nuclei with the help of Casimir Operators and IBM-2, International Journal of Mechanical Engineering, Vol. 6 No. 3(December, 2021)
10. To study investigating the water quality of Ghaggar River in terms of Heavy Metal content Along its flow ISSN PRINT 23191775 Online 23207876
11. To study of Ghaggar River Water for Physico Chemical properties through its Flow E-ISSN: 2582-210

National Journal (UGC Care list etc.)

1. “Triaxiality and Cubic Terms from Casimir Invariants”, Published in KMU Journal of Engineering and Natural Sciences, 2(1), 40-47, (2020), e-ISSN: 2687-5071.
2. The Triaxiality and Xe Nuclei “Shodhasamhita : Journal of Fundamental & Comparative Research. Vol. VIII No.1 (XXXVIII) :2022, ISSN : 2277-7067

3. IBM -1 Triaxiality And Cubic Terms from Casimir Invariants Rabindra Bharati Journal of Philosophy, VOL. : XXIII , No: 12,2022ISSN: 0973-0087
4. To investigate the triaxiality in Pd- Te nuclei with the help of Casimir invariant operators using IBM. M.S University of baroda, ISSN: 0030-5324
5. THE TRIAXIALITY AND Xe NUCLEI, Journal of Fundamental & Comparative Research, ISSN: 2277-7067, Vol. VIII, No. 1(XXVIII) : 2022.
6. IBM-1, TRIAXIALITY AND CUBIC TERMS FROM CASIMIR INVARIANTS, RABINDRA BHARATI JOURNAL OF PHILOSOPHY. ISSN: 0973-0087
7. Comparative study of gamma irradiation of different doses in grapes, Tomato, Guava, Litchi , Strawberry and Kinnow Kuminder Kaur, R.K Gupta World Journal of Engg. Research & Technology Vol no .6 Issue 4th ISSN 2454695
8. Reduced transition probability for barium transitional nuclei with cubic terms from cubic terms from Casimir invariants, Operators - & IBM -1, ISSN – 11128703 Pages 2309-2314, Vol no 5 Issue no 2(2020-21)
9. International journal of mechanically Engg. The B(E2) transition probability the 114 -118 with the help of cubic terms from cosmic invariant operator & IBM – F, Pinkey Rani , Ramesh Kumar ISSN – 09745823 Vol no 7 Jan 2022
10. “EFFECT ON QUALITY OF KINNOW DURING STORAGE AND PROCESSING BY DIFFERENT DOSES OF GAMMA RADIATION”, Journal of Fundamental & Comparative Research, Vol. VII, No. 4 : 2021, ISSN: 2277-7067.
11. To determine the concentration of ²³⁵U, ²³⁸U radioisotopes in snow capped seabuckthorn medicinal plant, Eur. Chem. Bull. 2023, 12 (Si6), 3290 – 3294

International Conferences attended

1. “Investigation of the Xenon and Barium Isotopes”, Research Paper presented in Two Day International Conference, May 1-2, 2015 organized by MAU, Baddi, H.P.
2. International conference on emotions. A multidisciplinary inquiry. presented a paper on Emotions and politics in Kashmir A – 3 (Dec 2020)
3. International Conference on Plasma Theory and simulations 21-23 September,2023
4. International Webinar on Energy Traps in Atomic Nuclei (June 05, 2024)
5. International seminar on Pedestrian Journey from Classical to quantum concepts. (September 03,2024)
6. High Resolution Gamma Ray Spectrometry, International seminar on 27/09/2024 v organized by Akal University, Talwandi Sabo, Bathinda, Punjab.

National Conference attended

1. “Interacting Boson Model & Triaxiality in Nuclei” in National Conference at Dayanand Postgraduate College Hissar, 12-13 March, 2013 sponsored by Director General Higher Education, Haryana.
2. Breaking of O (6) dynamical symmetry U (5) mixing versus cubic terms presented at Department of Physics Panjab University, Chandigarh at a conference organized by Atomic Energy Department Govt. of India in 1999.

3. Cubic Terms from Casimir Invariants in IBM presented at Pant Nagar University at a conference organized by Atomic Energy Department Govt. of India in 1998.
4. The Triaxial Deformation Parameter in some Xe and Ba Nuclei presented at B.A.R.C. Bombay at a conference organized by Atomic Energy Department Govt. of India in 1997.

International Workshop attended

1. Invited Speaker on Higher order Interacting Terms in IBM for 0 (6) Nuclei at the VIII. International Workshop on Nuclear Structure Properties which was held in Sakarya University, Turkey, from 7th to 10th of September 2015.
2. Invited speaker in International Online Faculty Development Programme on **Congregation of Aesthetics and Culture** organized by Ministry of Education – Mauritius.

Seminar/FDPs

1. Application of Nuclear Radiation & Nitrogen Gas to Protect Organic food Seminar organized by Uttarakhand Organic Commodity Board, Dehradun, Uttarakhand in 2009.
2. Future Source of Energy “Antimatter” presented at State Level Seminar at Govt. Women College, Rohtak sponsored by Director Higher Education of Haryana, Chandigarh in 2008.

BOOKS WRITTEN:

Two Books One on Physics and the Second on Personality Development

| Title of the book | ISBN/ISSN number of the proceeding | Page no. | year |
|--------------------------------|------------------------------------|----------|------|
| <i>Objective Physics</i> | 81-7884-049-9 | 451 | 2003 |
| <i>Personality Development</i> | 81-87521-13-9 | 250 | 2005 |

SPECIAL ACHIEVEMENT:

1. Member, Sports Council and Sports Executive Board, M.D.U., Rohtak for the session 2015-16.
2. Member Court, M.D.U., Rohtak.
3. Member, Advisory Committee, Introduction of Outreach Programme, M.D.U., Rohtak.
4. Supervised students for M.Phil& Ph.D.
5. General Secretary, Haryana Non-Govt. Colleges Principals' Association 2014-15.
6. Member UMC Committee M.D.U. Rohtak for the Academic Session 2013-14.

7. NAAC Team Bangalore Stated “Leadership of the Principal in academic planning and involvement visible” During the visit of institutional reaccreditation of Vaish College, Rohtak, Haryana date 21-23 November, 2013.
8. Member, National Advisory Committee, Shoolini University, Solan for the session 2013-14.
9. Coordinator Spot Marking Centre of M.D.U. Rohtak at Vaish College, Rohtak in June 2012
10. Member Selection Committee for the post of Principal Hindu Girls College, Sonapat on 7.10.2012.
11. Supdt. Chief of M.D. University Semester Examination at Vaish College, Rohtak during Dec.2011, May- June 2012, Dec.2012, May-June 2013, Dec. 2013, May-June 2014 & Dec. 2014.
12. Convener of Examination Board at Vaish College, Rohtak from 2004 to 2010.
13. Convener U.G.C. Committee at Vaish College, Rohtak from 1999 to 2004.
14. Convener Culture Committee at Vaish College, Rohtak from 1995 to 1997.
15. Prof./Director School of Basic and Applied Sciences, MAU, Baddi.
16. Registrar (Academic) Maha Raja Agharsen University , BAddi.
17. Member Association of all India College Principals (AICP), H.O. Ahmedabad.
18. IQAC Director, Guru KashiUniversity, Talwandi Sabo.
19. Participated with research paper presentation in 7th conference on Neutron Scattering(CNS) from 25th to 27th Nov 2021 held at B.A.R.C Mumbai.
20. Participated in 1st School on Nuclear & Radiochemistry April 29-30, 2023 held at B.A.R.C Mumbai.
21. Convener of one day Seminar on “Creating Quality Research Environment: A Sustainable Approach” May 13th, 2023 Organized by R&D Cell Guru Kashi University, (A++ NAAC ACCREDITATED) Talwandi Sabo.
22. IQAC Director, NIILM University, Kaithal Haryana
23. Member of Board of Studies GURU NANAK KHALSA COLLEGE OF ARTS, SCIENCE & COMMERCE (AUOTONOMUS), Matunga, (Mumbai)

REFRESHER & ORIENTATION PROGRAMME:

- 1 Participated in the Orientation Course at Academic Staff College, Panjab University Chandigarh from 9.3.1994 to 5.4.1994.
- 2 Participated in the Refresher Programme in Physics at Academic Staff College, Aligarh Muslim University Aligarh from 7.10.1999 to 4.11.1999.
- 3 Participated in the Refresher Programme in Physics at Academic Staff College, Kurukshetra University, Khurukshetra from 7.2.2000 to 26.2.2000
- 4 Participated in the Refresher Programme in Physics at Academic Staff College, JawaharLal Nehru University, New Delhi from 27.1.2003 to 21.2.2003.

SPECIAL TRAINING:

- 1 Leadership Training Programme The Modern Academic International New Delhi under the Chairmanship of Prof. (Dr.)GopalMitra I.I.T. Kharakpur.
- 2 Participated in NAAC sponsored State Level Conference on Higher Education at D.N.College, Hissar on Jan 14-15-2005.

- 3 Participated in NAAC sponsored One Day State level Sensitizing Workshop on process of Accreditation at Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur Kalan, Sonapat on 18 Nov. 2011.
- 4 Invited Speaker at Sarkarya University, Turkey (Sept. 2015).
- 5 National workshop on Nuclear spectrometry 23-24 September, 2024 organized by Akal University, Talwandi Sabo, Bathinda, Punjab.

CERTIFICATE OF APPRECIATION:

- 1 Received from M.D. University, Rohtak for conducting Zonal Youth Festival of Rohtak range at Vaish College, Rohtak during Academic Session 2012-13.
- 2 Guest of Honour in MDU Alumni Meet-2014.
- 3 Distinguished Educational Award by The Federation of Educational Publishers in India (New Delhi).

Personal Information:

| | | |
|----------------|---|---|
| Father's Name | : | Late Sh. Ram Bhaj |
| Date of Birth | : | 19-01-1965 |
| Correspondence | : | Dr. Ramesh Kumar Gupta, Address 230 Trishla plus homes, Sec. 20 Panchkula. |
| Nationality | : | Indian |
| Sex | : | Male |
| Marital Status | : | Married |
| Language Known | : | English & Hindi |

Dr. RAMESH KUMAR GUPTA
Mob. No. 096896433440
Email: rkgupta1701@gmail.com