

1. Name: Dr. Ramneek Kaur

2. Title/Position: Assistant Professor of Department of Physics

3. Qualification: Ph.D in Solid State Physics(Lyoluminescence),PG in Physics

4. Area of Expertise: Communication Electronics ,Lyoluminescence

5. Total Experience:25 years

6. Publication:

(In Journal):

- Published a paper in International Journal of Noval Research and Development(IJNRD) [IJNRD.ORG] Open Access ,Peer Reviewed, Refereed Journal, ISSN- 24564184 on “**Impact of Luminol Concentration on Lyoluminescence in Potassium Halide Microcrystals Irradiated with Gamma Rays**”
- Published a paper in International Journal of Research Reviews (IJRAR), Vol - 5,Issue 4,E-ISSN No.-2348-1269,P-ISSN No,-2349-5138. October 2018.Topic-Effect of Luminol concentration on the Lyoluminescence of γ - irradiated Sodium halide microcrystal.
- Published a paper in International Journal of Research Reviews (IJRAR), Vol - 5,Issue 4,E-ISSN No.-2348-1269,P-ISSN No,-2349-5138. October 2018.Topic-Photo-Electro Chemical Solar Cells using Nano –Crystalline Copper Selenide Photo Electrode with different deposition time
- Published a paper in International Journal of Theoretical and Applied Sc- Vol-9 No. 2 Issn No. 0975-1718. July- Dec 2017.Topic- Effect of Mass on the Lyoluminescence of γ - irradiated potassium halide microcrystal.
- International Journal of Electrical, Electronics & Computing Technology Volume 8(1) Issue 7 Issn No. – 2229-3027. Temperature effect on Lyoluminescence of sodium chloride & sodium bromide microcrystal’s in luminol solution.March-May2013.
- International Journal of Theoretical and Applied Sc- Vol-2 No. 1 Issn No. 0975-1718. Effect of Particle size on the Lyoluminescence of γ irradiated pure alkali halide microcrystal. Jan-June 2010.
- Indian Journal of Pure and Applied Physics Vol 44(7)491-562 (2003) .Issn No. 0019-5596. Topic-“Temperature effect on Lyoluminescence of potassium halide micro-crystal in luminol solution”. July 2006.

(In seminar/conference):

- Published a paper in National seminar on New Methodology of Assessment to Nurture Quality Enhancement in Higher Educational Institute. 29-30 Jan 2018, on “Role of Industry need in Skill Oriented Education”. Organized by Internal Quality Assurance Cell(MGMM) Sponsored by National Assessment and Accreditation council Bangalore, organized at IQAC cell Mata Gujri College (Auto.)Jabalpur.

(In Book Chapter):

- Research paper published in book *Evolving Horizons in Life Science from Research to Innovations* entitled “Physicochemical and Bacteriological Assessment of Water Quality of River Narmada at various Ghats of Jabalpur”. **ISBN-978-93-92446-97-9** Feb. 2024
- Research paper published in book *Evolving Horizons in Life Science from Research to Innovations* entitled “Hydrolysis of organophosphorus compounds Accelerated by metals cations”. **ISBN-978-93-92446-97-9** Feb. 2024.
- One chapter published in book **ISBN No. 978-93-92446-05-04** on ‘Effect of Luminol Concentration on Iyo-luminescence of Y-Irradiated Potassium Halide Microcrystals” 2021.
- Published a paper in Proceedings of the 2nd International Conference on Recent Trends in Renewable Energy & Sustainable Development (**ISBN Number 978-93-5396-776-5**) on Nanocrystalline CdTe Thin Films Deposited by Chemical Bath Deposition Techniques ,30-31 Jan 2020, in association with TEQIP III,CSVTU Bhilai & JNTU Hyderabad,& Chhattisgarh Council of Science & Technology ,Bhilai Institute of Technolo

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