

# Curriculum Vitae



Ila Joshi  
Assistant Professor (Guest faculty)  
Department of Physics  
P.N. G. Govt. P.G. College Ramnagar  
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## Personal information

Citizenship: Indian  
Date of Birth: 1/July/1990

## Education

**Ph.D.(Pursuing)**  
**Thesis title: "Electrodynamics of Dyons**  
Department of Physics.  
L.S.M.Govt.P.G.College Pithoragarh  
Kumaun university Nainital, India

M. Sc. (Physics) - 2012  
Department of Physics,  
S.S.J.Campus Almora  
Kumaun university Nainital, India

## Research interests

- (i) Dyon (ii) Monopole (iii) Gauge theory (iv) Gravito Dyon.(v) Superluminal Lorentz transformation (vi) Field theory (vii) High energy Physics (viii) Mathematical Physics.

## Other qualifications:

1. NSS 'B' certificate in the year 2008.
2. NSS 'C' certificate in the year 2010.
3. Six month diploma in computer and networking in the year 2010.

## Awards/Achievement

1. Qualified National level exams: Council of Scientific and Industrial Research (CSIR-NET) - June 2018.
2. Qualified State level exams: Uttarakhand State Eligibility Test (U-SET)- 2018
3. Reviewer: International journal of Physical science, Physical Science International Journal

## Experience

1. Assistant Professor (Guest faculty) in Govt. P.G. College Someshwar (March 2020- July 2020 ),
2. Assistant Professor (Guest faculty) in Govt. P.G. College Ramnagar (Present).

## Publications

1. Ila Joshi and Jivan Singh Garia, 2019. **Dyonic solutions of Maxwell field equations in arbitrary media.** *Indian Journal of Physics* (2019).
2. Joshi I and Garia, J.S. (2018), Discrete symmetries in dyonic fields, *International Journal of Research*, 7 (749-752).
3. Singh. J, Negi. C.M. and Joshi, I. (2018), Quaternion analyticity of time harmonic field equation for dyon in homogenous media. *International Journal of Research*, 7 (759-767).
4. Ila Joshi and Jivan Singh Garia, Microscopic and Macroscopic Maxwell's field equations of dyon. (Conference Proceeding in <sup>3rd</sup> **National Conferences on Recent advances in science & technology**).
5. Ila Joshi and Jivan Singh Garia, 2018. Classical Approach of Dyonic Energy momentum tensor. **Invertis Journal of Renewable Energy**. Vol.8, No.3, (123-127)
6. Ila Joshi and Jivan Singh Garia, 2018 Local gauge invariance of Dyon. **Proceeding of the DAE Symp.on Nucl.Phys.** 63.
7. Ila Joshi and Jivan Singh Garia, 2018. Dyonic field equations in arbitrary media. **Journal of mountain research**, Vol.14(1), (2019) 39-41.
8. Ila Joshi and Jivan Singh Garia, 2020. Electromagnetic wave equations of dyon in arbitrary media. **Journal of scientific research**, Vol.12(2), 161-167.
9. Ila Joshi, Effect of globalization on climate change in conference proceeding of **National Seminar on "Globalization, Environment and Women: Understanding the linkage"**.

## Conferences/School Presentations

### • ORAL PRESENTATIONS

1. Presented in <sup>3rd</sup> **National Conferences on Recent Advances in Science & Technology**.
2. Presented and published abstract in **Symposium on advances in Physics from small to large scales** sponsored by: Uttarakhand Science Education & Research Center.
3. Presented research work in **International Conference on new technological opportunities in networking and sciences**.
4. Presented and published abstract in **Symposium on advances in Physics from small to large scales scales (APLSL-2019)** sponsored by: Uttarakhand Science Education & Research Center.

### • POSTER/ PARTICIPATION

1. Presented poster & published abstract in **12<sup>th</sup> Uttarakhand State Science & Technology Congress** in the year 2018.
2. Presented poster & published abstract in **2<sup>nd</sup> International Conference on Recent Advances in Science** in the year 2018.

