**One page Foreword**

**JAGDEEP KAUR**

**House no.-273, Near Grain market, Village- Chamkaur Sahib,**

**District- Ropar. Phone no.- 9463696662 E-MAIL:**

[**gahuniajagdeep@gmail.com**](mailto:gahuniajagdeep@gmail.com)

**PERSONAL INFORMATION**

**Father’s Name** : S. Ujjal Singh

**Mother’s Name** : Mrs. Rupinder Kaur

**Gender** : Female

**Nationality** : Indian

**Linguistic Abilities** : English, Hindi, Punjabi

**Linkedin Id** : <http://linkedin.com/in/jagdeep-gahunia-9618b466>

**EXPERIENCE**

Presently working as Assistant Professor (Physics), Chandigarh University

9 Years of Experience of Teaching. Research Scholar in Atomic Physics

1 Year 4 months (23/2/2011 to 08/07/12) Work Experience as a Lecturer of Physics at R.I.M.T. Polytechnic College.

Worked as Assistant Professor in RIMT, Mandi- Gobindgarh from 9 July,2012 to 15th April, 2014.

Worked as Assistant Professor in Mata Gujri College, Fatehgarh Sahib From 2nd August,2014 to 19th May, 2015.

Presently working as Assistant Professor in Chandigarh University, Gharuan From 29th July, 2015 to till Date

**AWARDS**

* Got “INTERNATIONAL AWARD FOR RESEARCHER” for research work by International Institute of Organized Research (IIOR). International Institute of Organized Research (IIOR) which is a registered MSME with the Ministry of Micro, Small and Medium Enterprises, Government of India and is advocating Academic and Research Programs for API and Career Advancement Scheme.
* Best research paper presentation award for modification in two-wheeler suspension.
* Long service award form Chandigarh University.
* Got “Transformative Researcher of Department Award For BEST RESEARCHER” from Chandigarh University , Gharuan on the teacher’s day 2022.
* Best research paper award from Novel Research Academy for Quantum clocks with double audit and relation with gravity.

**RESEARCH PAPERS PUBLISHED**

* 23 May 2021|Research Paper Published Preliminary Computational Tool for Simulating bone Remodeling (ISSN:2005-4238)
* 15 April 2021|Research Paper Published Plastic Recycled (ISSN:2394-4099)
* 24 April 2021| Research Paper Published Quantum Clocks using Double Audits (ISSN:2394-4099)
* The instrument to use contaminated water and save briny for future generation (ISSN:2394-4099)
* 25 Jun 2021| Research Paper Published Airborne LIDAR (ISSN:2394-4099)
* 7 Sept2021|Research Paper Published Building Stable and Flexible Base (2395- 4396)
* 15 Sept 2021| Research Paper Published Briny Saver (2395-4396)
* 30 Aug 2021| Research Paper Published an Optimum Approach to Vector Machine with KVM. (AIP)
* **25 April 2022|Research Paper Published Analytical approach of Quantum computing based on the Thematic studies (SPRINGER) ,Email Id- Jagdeep.uis@cumail.in (recently published work)**

**PAPERS UNDER REVIEW**

* A Challenge and Formulation Survey of IOT for the Future of Healthcare Technology
* An Analytical Study of Cryptography in Industrial Security
* Formation of Nanomaterial and its effect on Nanoparticle’s Microstructure and Mechanical Properties

**PAPERS WORKING ON**

* Robotics and its Automation in textile industry
* PIXE Technique Bibliometric Paper
* PIGE Technique Bibliometric paper.

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* A Challenge and Formulation Survey of IOT for the Future of Healthcare Technology
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* Robotics and its Automation in textile industry
* PIXE Technique Bibliometric Paper
* PIGE Technique Bibliometric paper
* A Leap towards sustainable Bengaluru: Solid Waste Management & Treatment.
* Nuclear physics PIXE Technique Review.
* Land use feature Detection from Satellite Imagery using Machine Learning models.

**RESEARCH PAPERS UNDER PUBLICATIONS**

* Optimum approach to vector machine with K-nearest number (In Scopus)
* An Analytic analysis of Quantum Computing on basis of thematic studies (Springer)
* Performance based analysis of 10 story, 5x5 bay model with fixed base subjected to different monitored displacement (In AIP proceedings)
* Formation of Nanomaterial and its effect on Nanoparticle’s Microstructure and Mechanical Properties (In AIP proceedings)

**BOOK CHAPTER PUBLICATION 1.**

* **Published on: (**2022-02-10) -Congestion Control, Mobility, and Scalability Issues in VANET is officially published(

**ISBN-13:**978-620-4-74398-1) **(ISBN10:**6204743988)

* **Publishing house:** [LAPHYPERLINK "https://www.morebooks.shop/books/gb/published\_by/lap-lambert-academic-publishing/47/products" HYPERLINK "https://www.morebooks.shop/books/gb/published\_by/lap-lambert-academic-publishing/47/products"LAMBERT](https://www.morebooks.shop/books/gb/published_by/lap-lambert-academic-publishing/47/products) [AcademicHYPERLINK "https://www.morebooks.shop/books/gb/published\_by/lap-lambert-academic-publishing/47/products" HYPERLINK "https://www.morebooks.shop/books/gb/published\_by/lap-lambert-academic-publishing/47/products"Publishing](https://www.morebooks.shop/books/gb/published_by/lap-lambert-academic-publishing/47/products)
* **Website:**

<https://www.lappublishing.com/>

* The book is available to order at <https://lnkd.in/deu4guSm>

**2.**

**Published on: (**2022-04-28) -Designing Of Two-Wheeler Suspension Spring

(**ISBN-13:** 978-3-659-43785-4)

**(ISBN10:** 3659437859)

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* **Published on: (**2022-09-01) -Unleashing the Blockchain Revolution in Banking

(**ISBN-13:** 978-620-5-49737-1)

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**DECLARATION**

I have declared that the above-mentioned information is correct up to my knowledge and bear the responsibilities for the correctness.

**DATE- Jagdeep Kaur**